

Form 603

Corporations Act 2001 Section 671B

Notice of initial substantial holder

To: Company Name/Scheme Ausdrill Ltd ASL.AX
ABN/ACN/ARSN 95 009 211 474

1. Details of substantial holder

Name Macquarie Group Limited ('MQG'); and
its controlled bodies corporate listed in Annexure A
(Macquarie Group Entities)
ABN/ACN/ARSN (if applicable) 122 169 279

The holder became a substantial holder on: 4 September 2019

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities	Number of securities	Person's votes	Voting power
'FPO'	49,150,197	49,150,197	7.16%

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest	Number of securities	Class
MACQUARIE CAPITAL (AUSTRALIA) LIMITED	Macquarie Capital (Australia) Limited ("MCAL") entered into a Block Trade Agreement (see Annexure C) on 4 September 2019 with the entity named in that agreement. Pursuant to section 608 of the Corporations Act and the terms of the Block Trade Agreement, MCAL acquired a relevant interest in shares of Ausdrill Ltd on execution of that agreement and subject to the terms of that agreement. Under the Block Trade Agreement, MCAL acted as lead manager for the sale of the shares, all of which have been sold. MQG will file a ceasing to be a substantial shareholder notice following settlement of those shares.	18,355,408	FPO
MACQUARIE BANK LIMITED	Macquarie Bank Limited ("MBL") entered into a Sale and Purchase Facility Master Agreement (see Annexure D) on 4 September 2019 with the entity named in that agreement. Pursuant to section 608 of the Corporations Act and the terms of the Sale and Purchase Facility Master Agreement, MBL acquired a relevant interest in shares of Ausdrill Ltd on execution of that agreement and subject to the terms of that agreement.	7,489,225	FPO
	Pursuant to section 608 of the Corporations Act	17,105,641	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LIMITED	Pursuant to section 608 of the Corporations Act	653,789	FPO
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LIMITED	Pursuant to section 608 of the Corporations Act	5,211,169	FPO
MACQUARIE INVESTMENT MANAGEMENT LIMITED	Pursuant to section 608 of the Corporations Act	334,965	FPO

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder	Number of securities	Class
MACQUARIE CAPITAL (AUSTRALIA) LIMITED	MACQUARIE CAPITAL (AUSTRALIA) LIMITED	MACQUARIE CAPITAL (AUSTRALIA) LIMITED	18,355,408	FPO
MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	24,594,866	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LIMITED	Citibank Hong Kong	Citibank Hong Kong	653,789	FPO

MACQUARIE INVESTMENT MANAGEMENT GLOBAL LIMITED	National Nominees Limited	National Nominees Limited	38,034	FPO
	Northern Trust Corporation (Singapore Branch)	Northern Trust Corporation (Singapore Branch)	5,173,135	FPO
MACQUARIE INVESTMENT MANAGEMENT LIMITED	Bond Street Custodians Limited	Bond Street Custodians Limited	334,965	FPO

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration	Number of securities	Class
See Annexure B				

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN (if applicable)	Nature of association
Macquarie Group Limited & Macquarie Group Entities	Controlled Bodies Corporate

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
MACQUARIE CAPITAL (AUSTRALIA) LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE BANK LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE GROUP LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia

Signature

Print name Dennis Leong

Capacity Company Secretary

Sign here

Date 6 September 2019

ANNEXURE 'A'

This is the annexure marked 'A' of 18 pages referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
6 September 2019

Controlled Bodies Corporate

ACN / Company No	Entity Name	Incorp Country
	1250 N LaSalle Member LLC	United States
	1250 N LaSalle Property LLC	United States
	7V Solar Ranch, LLC	United States
136 024 970	A.C.N. 136 024 970 PTY LTD	Australia
153 275 677	A.C.N. 153 275 677 Pty Ltd	Australia
154 402 927	A.C.N. 154 402 927 Pty Ltd	Australia
B-88238381	Abeto New Energy S.L.	Spain
0113-01-020216	ACACIA RENEWABLES K.K.	Japan
	Ace Info Solutions, LLC	United States
	ADAMS CREEK SOLAR PROJECT, LLC	United States
HRB 237758	AIF Business Solutions GmbH	Germany
	ALLEN COUNTY SOLAR PROJECT, LLC	United States
	ATLANTA FARMS SOLAR PROJECT, LLC	United States
	AUDRAIN COUNTY SOLAR PROJECT, LLC	United States
	AUGLAIZE COUNTY SOLAR PROJECT, LLC	United States
	AUSTIN PARKWAY SOLAR PROJECT, LLC	United States
20-3690322	AVENAL POWER CENTER, LLC	United States
008604966	BELIKE NOMINEES PTY. LIMITED	Australia
11976442	Bernard Bidco Limited	United Kingdom
11974583	Bernard Midco Limited	United Kingdom
11974754	Bernard Parentco Limited	United Kingdom
11974335	Bernard Topco Limited	United Kingdom
12099853	Bilbao Offshore Holding Limited	United Kingdom
12097709	Bilbao Offshore Investment Limited	United Kingdom
12095099	Bilbao Offshore TopCo Limited	United Kingdom
11431362	Bing TK Holdings Limited	United Kingdom
11431590	Bing TK Limited	United Kingdom
126708	Bing TK Topco Limited	Jersey
20-2937246	Blue Grass Abstract LLC	United States
201816156M	BLUE LEAF ENERGY ASIA PTE. LTD.	Singapore
0100-01-192544	BLUE LEAF ENERGY JAPAN K.K.	Japan
1340822-D	BLUE LEAF ENERGY MALAYSIA HOLDINGS SDN. BHD	Malaysia
201536002R	BLUE LEAF ENERGY SPV HOLDCO PTE. LTD.	Singapore
	BLUEGRASS PLAINS SOLAR PROJECT, LLC	United States
46-5587770	Blueshine, LLC	United States
	Bluestone Equity Release Series 1 Warehouse Trust	Australia
30-0746347	Boketo LLC	United States
008607065	BOND STREET CUSTODIANS LIMITED	Australia
008606924	BOND STREET INVESTMENTS PTY. LIMITED	Australia
004680004	BOSTON AUSTRALIA PTY LIMITED	Australia
005008702	BOSTON LEASING PTY. LIMITED	Australia
	BRAZORIA COUNTY SOLAR PROJECT, LLC	United States
	BRAZORIA WEST SOLAR PROJECT, LLC	United States
	BUCKEYE PLAINS II SOLAR PROJECT, LLC	United States
	BUCKEYE PLAINS SOLAR PROJECT, LLC	United States
996 101 045	Buheii Vindkraft AS	Norway
88217	Bunhill Investments Unlimited	Jersey
179-81-01129	BUSAN OFFSHORE WIND POWER CO., LTD.	Korea, Republic of
002865830	BUTTONWOOD NOMINEES PTY LIMITED	Australia
	CALHOUN COUNTY SOLAR PROJECT, LLC	United States
	Canadian Breaks II LLC	United States
	CANADIAN COUNTY SOLAR PROJECT, LLC	United States
	Candela Renewables Hamel DevCo, LLC	United States
	CANE FLATS SOLAR PROJECT, LLC	United States
	Canoe Creek Solar Project, LLC	United States
04800336	Capital Meters Holdings Limited	United Kingdom
04800317	Capital Meters Limited	United Kingdom
	CASS COUNTY SOLAR PROJECT, LLC	United States
	CBP Holdings LLC	United States
	CENTENNIAL SKY SOLAR PROJECT, LLC	United States
	CENTERVILLE PIKE II SOLAR PROJECT, LLC	United States
	CENTERVILLE PIKE SOLAR PROJECT, LLC	United States
538-88-01399	CERES HOLDINGS LIMITED	Korea, Republic of

11425435	Chablis TK Holdings Limited	United Kingdom
10974030	CHAPTRE GreenCo Holdings Limited	United Kingdom
06373185	Cheeryble Developments Limited	United Kingdom
	CHIMNEY HILL SOLAR PROJECT, LLC	United States
46527C1/GBL	CHINA PROPERTY INVESTMENTS LIMITED	Mauritius
	CHOCTAW COUNTY SOLAR PROJECT, LLC	United States
	CHOCTAW FIELDS SOLAR PROJECT, LLC	United States
	CLERMONT COUNTY SOLAR PROJECT, LLC	United States
20-2937258	Closing Documentation Services, LLC	United States
	CMC Holdco Inc.	United States
	CMC Railroad Holdco LLC	United States
	CMC Railroad, LLC	United States
30-0791081	Colorado - PTH, LLC	United States
CER151028DM3	Comercializadora Energia de la Reforma S. de R.L. de C.V.	Mexico
638656	Comhar Housing Holdings Limited	Ireland
11809996	Comhar Housing Investments Limited	United Kingdom
638657	Comhar Housing Limited	Ireland
	Commerce and Industry Brokerage Inc.	United States
CS2015160102	Conergy Renewable Services Philippines Inc.	Philippines
626485005	Conergy Solar Australia Pty Limited	Australia
	Connecticut Mystic Lien, LLC	United States
03241012	Corona Energy Limited	United Kingdom
03241002	Corona Energy Retail 1 Limited	United Kingdom
SC138299	Corona Energy Retail 2 Limited	United Kingdom
02746961	Corona Energy Retail 3 Limited	United Kingdom
02798334	Corona Energy Retail 4 Limited	United Kingdom
07545410	Corona Energy Retail 5 Limited (In Voluntary Liquidation - 14 Dec. 2018)	United Kingdom
02879748	Corona Gas Management Limited	United Kingdom
11496686	Craighouse Investments Limited	United Kingdom
51-0566317	Crystal Screens Media Inc.	United States
82-3700769	CT MLH Bluff Road Venture, LLC	United States
	CW Intermediate Holdings LLC	United States
	CW NV East Charleston LLC	United States
	CW NV Rainbow LLC	United States
	CW NV West Charleston LLC	United States
	CW NV West Hacienda LLC	United States
	CW Ultimate Holdings LLC	United States
	CW US Holdings LLC	United States
	DALE COUNTY SOLAR PROJECT, LLC	United States
10520639	Danube Investments Limited	United Kingdom
37-1737048	DC - PTH, LLC	United States
	DEFIANCE COUNTY SOLAR PROJECT, LLC	United States
23-3061021	Delaware Capital Management	United States
27-1291359	Delaware Capital Management Advisers, Inc.	United States
23-2226487	Delaware Distributors, Inc.	United States
23-2791871	Delaware Distributors, L.P.	United States
46-3152566	Delaware Emerging Market Debt Fund	United States
46-4850078	Delaware Investments Advisers Partner, Inc.	United States
N/A	Delaware Investments Corporate Bond Fund (UCITs)	Ireland
46-4639812	Delaware Investments Distribution Partner, Inc.	United States
46-1906107	Delaware Investments Fund Advisers	United States
46-5056965	Delaware Investments Fund Services Company	United States
	Delaware Investments Global Value Equity (UCITs)	Ireland
13-3465352	Delaware Investments Management Company, LLC	United States
23-2859589	Delaware Management Company	United States
23-2601407	Delaware Management Trust Company	United States
13-3465338	Delaware Service Company, Inc.	United States
81-2626999	Delaware Small Cap Growth Fund	United States
	DELTA1 FINANCE TRUST	Australia
083 158 614	DIVCO 22 PTY LIMITED	Australia
	DOVE RUN SOLAR PROJECT, LLC	United States
	Dovel Holdings I, LLC	United States
	Dovel Holdings II, LLC	United States
	Dovel Holdings, LLC	United States
	Dovel Technologies, LLC	United States
	DT ZapThink, LLC	United States
	EAST SETAUKET ENERGY STORAGE, LLC	United States
608 027 505	EDUWEST EQUITY HOLDING PTY LIMITED	Australia
608 027 434	EDUWEST PROJECT CO PTY LIMITED	Australia
608 027 596	EDUWEST PROJECT HOLDING COMPANY PTY LIMITED	Australia
127338827	ELAINE WINDFARM PTY LTD	Australia
	Elektron Holdings, Inc.	United States
069344001	ELISE NOMINEES PTY LIMITED	Australia
	ELKHART COUNTY SOLAR PROJECT, LLC	United States
B-88238423	Encina New Energy S.L.	Spain
0200-03-009420	ENERGY PRATHAM INC.	Japan

12153574	Enso Green Holdings Limited	United Kingdom
006435810	EQUITAS NOMINEES PTY. LIMITED	Australia
	ERC Holdco LLC	United States
	ESCAMBIA COUNTY SOLAR PROJECT, LLC	United States
079878783	EURO FIN CO PTY LTD	Australia
11246622	Euro II PPP Platform GP Limited	United Kingdom
11246816	Euro II PPP Platform LP Limited	United Kingdom
11254324	Euro III Platform Partner Limited	United Kingdom
11246941	Euro III PPP Platform GP Limited	United Kingdom
619687	Euro Investco PPP Ireland GP Limited	Ireland
11469733	Euro IV PPP Platform GP Limited	United Kingdom
11469853	Euro IV PPP Platform Partner Limited	United Kingdom
11171693	Euro PPP Platform GP Limited	United Kingdom
11171914	Euro PPP Platform LP Limited	United Kingdom
12126026	Euro V PPP Platform GP Limited	United Kingdom
12130996	Euro V PPP Platform Partner Limited	United Kingdom
20-5600465	FAS 1 LLC	United States
0713.617.617	Feliz Holding SPRL	Belgium
B88238514	Ficus Solar PV, S.L.	Spain
	FILLMORE COUNTY SOLAR PROJECT, LLC	United States
137357	FINCH SECURITIES LIMITED	Cayman Islands
12-377-980/0001-25	FIP Gestora de Recursos Ltda.	Brazil
80-0940702	FL - PTH 1, LLC	United States
36-4767568	FL - PTH 10, LLC	United States
90-1004919	FL - PTH 2, LLC	United States
61-1718024	FL - PTH 3, LLC	United States
80-0941771	FL - PTH 4, LLC	United States
90-1005859	FL - PTH 5, LLC	United States
80-0942248	FL - PTH 6, LLC	United States
90-1006383	FL - PTH 7, LLC	United States
80-0942772	FL - PTH 8, LLC	United States
80-0943053	FL - PTH 9, LLC	United States
	FLAG CITY SOLAR PROJECT, LLC	United States
	FLICKERTAIL SOLAR PROJECT, LLC	United States
46-2260160	Florida Coral Lien Investments, LLC	United States
61-1577729	Florida Dundee Lien Investments, LLC	United States
10662385	Forth SPV 1 Limited	United Kingdom
10662568	Forth SPV 2 Limited	United Kingdom
95-4881110	Four Corners Capital Management, LLC	United States
	Fox-Pitt Kelton Cochran Caronia Waller (USA) LLC	United States
06-1058201	Fox-Pitt Kelton Cochran Caronia Waller LLC	United States
01601171	Fox-Pitt, Kelton Limited	United Kingdom
32157	Fox-Pitt, Kelton N.V.	Curacao
99228	FPK Capital I CIP GP Limited	Jersey
20-5600465	Fremantle Energy Holdings, LLC	United States
20-5600465	Fremantle Energy, LLC	United States
20-2384759	Fremantle Wind Holdings Inc.	United States
	FRONT RANGE-MIDWAY SOLAR PROJECT, LLC	United States
9699834	Fulfilment Services Limited	United Kingdom
	FULTON COUNTY SOLAR PROJECT, LLC	United States
106204862	FUNDCORP PTY LIMITED	Australia
30-0790149	GA - PTH, LLC	United States
054001400	GATESUN PTY. LIMITED	Australia
570800	GGB inBalans Investco Ireland GP Limited	Ireland
	GIG Solar HoldCo, LLC	United States
	GIG US Investment Holdings Inc.	United States
	GIG US Solar Equipment, LLC	United States
009642942	GILLMAN PTY. LIMITED	Australia
0104-03-012938	GK BIO POWER JAPAN2	Japan
	GLL 200 State Street Corp	United States
81-1829460	GLL 400 Hope Interest, LLC	United States
	GLL America's Fund GP Corp	United States
HRB 148775	GLL Asset Management GmbH	Germany
	GLL Asset Management LLC	United States
47-2799970	GLL BVK Austin GP Inc	United States
47-1067714	GLL BVK Denver GP Inc.	United States
	GLL BVK General Partner Inc	United States
81-4279580	GLL BVK Miracorp General Partner, Inc.	United States
47-2784803	GLL BVK W.Adams GP, Inc	United States
	GLL Development and Management Inc	United States
HRB 139371	GLL Erste Verwaltungs GmbH	Germany
	GLL Fremont Interest II LLC	United States
HRB 149112	GLL Holding AG	Germany
HRB 198702	GLL HR CEE Management GmbH	Germany
	GLL HRE General Partner Inc	United States
HRB 217096	GLL Investment Management GmbH	Germany

B 116672	GLL Management Company Sarl	Luxembourg
B236844	GLL NY 1 S.à r.l.	Luxembourg
	GLL NY 1 SCS	Luxembourg
HRB 180132	GLL Office II Management GmbH	Germany
HRB 188989	GLL Office Management GmbH	Germany
B 200874	GLL Opportunities GP Sarl	Luxembourg
20-4902118	GLL Properties 444 North Michigan Corp.	United States
	GLL Properties Fund Corp. I	United States
	GLL Properties Fund Corp. II	United States
HRB 167136	GLL Real Estate Financial Services GmbH	Germany
HRB 134934	GLL Real Estate Partners GmbH	Germany
76.140.219-6	GLL Real Estate Partners GmbH Limitada	Chile
20601960843	GLL Real Estate Partners GmbH SAC	Peru
	GLL Real Estate Partners Inc	United States
HRB 206240	GLL Real Estate Partners Kapitalverwaltungsgesellschaft GmbH	Germany
01-09-905516	GLL Real Estate Partners Kft.	Hungary
796-87-01038	GLL Real Estate Partners LLC	Korea, Republic of
HRB 188990	GLL Retail Management GmbH	Germany
	GLL Selection II GP Corp	United States
B 165993	GLL Services Luxembourg Sarl	Luxembourg
	GLL US Office Corp	United States
	GLL US Retail Corp	United States
	GLL USA Management LLC	United States
HRB 236848	Globe Beteiligungs GmbH	Germany
11346219	Gnowee Iberia Holdings Limited	United Kingdom
05481707	Goonzaran Bluebell Funding Limited	United Kingdom
05473771	Goonzaran Bluebell Leasing Limited	United Kingdom
668-81-01105	GRAY WHALE OFFSHORE WIND POWER NO. 1 CO., LTD.	Korea, Republic of
642-88-01155	GRAY WHALE OFFSHORE WIND POWER NO. 2 CO., LTD.	Korea, Republic of
11654061	Green Empire WtE Holdings Limited	United Kingdom
538-88-00707	GREEN INVESTMENT GROUP (KOREA) LIMITED	Korea, Republic of
SC576143	Green Investment Group Investments Limited	United Kingdom
SC574147	Green Investment Group Limited	United Kingdom
SC460459	Green Investment Group Management Limited	United Kingdom
	GREENSVILLE COUNTY SOLAR PROJECT, LLC	United States
	GRIMES COUNTY SOLAR PROJECT, LLC	United States
	GSD FARMING CO. LLC	United States
617-86-04977	GWindSky Co., Ltd.	Korea, Republic of
	HAEUNDAE OFFSHORE WIND POWER CO., LTD.	Korea, Republic of
82872003	Hamaguri Co., Ltd	Taiwan
	Hamel Renewables HoldCo, LLC	United States
83-0667215	Hamel Renewables, LLC	United States
	HANCOCK COUNTY SOLAR PROJECT, LLC	United States
415492	HBEAR CO. NO.1 LIMITED (in voluntary liquidation)	Ireland
11727301	HC One PPP Investments Limited	United Kingdom
11727242	HC Two PPP Investments Limited	United Kingdom
	HEADLAND-WIREGRASS SOLAR PROJECT, LLC	United States
125438600	HENDERSON WA PTY LIMITED	Australia
not registered	HENDERSON WA TRUST	Australia
559017	Hermes Infrastructure Investco Ireland GP Limited	Ireland
	HIDALGO COUNTY SOLAR PROJECT, LLC	United States
	High Oasis II Solar Project, LLC	United States
	HIGH OASIS SOLAR PROJECT, LLC	United States
	Highland Capital Partners 9 (SPV), L.P.	United States
	HILL TUCKER SOLAR PROJECT, LLC	United States
	HOLBROOK ENERGY STORAGE, LLC	United States
	Holtsville Energy Storage, LLC	United States
	Honolulu Civic Partners LLC	United States
104173891	HUB X PTY LIMITED	Australia
97666	Hydra Investments 2007 Limited	Jersey
	I-4 Logistics Center Tampa GP LLC	United States
0100-03-027910	Ichinoseki 2 GK	Japan
002757020	IDAMENEO (NO. 79) NOMINEES PTY. LIMITED	Australia
46-1490923	Illinois Salt Fox Investments, LLC	United States
20-2937198	Indiana TLP, LLC	United States
201729633K	ION ENERGY PTE. LIMITED	Singapore
617 269 851	IPM Global Macro No. 50 Fund	Australia
11800668	JENEVER BIDCO LIMITED	United Kingdom
11797880	JENEVER HOLDCO LIMITED	United Kingdom
11798789	Jenever Midco Limited	United Kingdom
11800335	Jenever Parentco Limited	United Kingdom
11796208	Jenever Topco Limited	United Kingdom
0100-02-036303	JIG HOLDINGS LIMITED	Japan
611 447 628	JURIS PARTNERSHIP MCHPL EQUITY HOLDING COMPANY PTY LTD	Australia
609 122 901	JURIS PARTNERSHIP MCHPL PROJECT CO PTY LTD	Australia
609 115 997	JURIS PARTNERSHIP MCHPL PROJECT HOLDING COMPANY PTY LTD	Australia

464138	Juuichi Limited (in voluntary liquidation)	Ireland
	KC RENEWABLES, LLC	United States
	KENDALL COUNTY SOLAR PROJECT, LLC	United States
	Kenosha Propco I, LLC	United States
	KINGS FORK SOLAR PROJECT, LLC	United States
09541115	Kingswood Mortgages 2015-1 Holdings Limited	United Kingdom
09541195	Kingswood Mortgages 2015-1 PLC	United Kingdom
	KIOWA COUNTY SOLAR PROJECT, LLC	United States
12025635	Kisielice Wind Limited	United Kingdom
603561360	KUBIO GROUP PTY LTD	Australia
56649800	L2 B.V.	Netherlands
FC032012	L2 B.V. (UK Branch)	United Kingdom
	LAKE COUNTY SOLAR PROJECT, LLC	United States
140 135 379	LAKE GEORGE WIND FARM DEVELOPMENTS PTY LTD	Australia
559169-5928	Lake Wind AB	Sweden
08763016	Lakehouse Mortgages Limited	United Kingdom
617 886 567	LAL LAL WIND FARMS ASSET CO PTY LIMITED	Australia
	Lal Lal Wind Farms Asset Trust	Australia
	Lal Lal Wind Farms Hold Trust	Australia
617 788 217	LAL LAL WIND FARMS HOLDINGS PTY LIMITED	Australia
615861259	LAL LAL WIND FARMS PTY LIMITED	Australia
	LAWRENCE COUNTY SOLAR PROJECT, LLC	United States
	Liberty Green Renewables Indiana, LLC	United States
20-2937206	Lien Data Services, LLC	United States
HRB80214	Lightning Bolt Germany GmbH (in liquidation)	Germany
0106-01-045144	LOHAS ECE BROWN K.K.	Japan
	Long Beach Airport Hangar Owner LLC	United States
B88238449	Loto Solar PV, S.L.	Spain
	LPC Kenosha I, LP	United States
	LPC Kenosha III, LP	United States
	Lunis Creek Solar Project II, LLC	United States
	LUNIS CREEK SOLAR PROJECT, LLC	United States
	M Acquisition Company IV Corporation	United States
	M Acquisition Company V Corporation	United States
	M Acquisition Company VI Corporation	United States
	M Acquisition Company VII Corporation	United States
	M Acquisition IV Sponsor, LLC	United States
	M Acquisition V Sponsor, LLC	United States
	M Acquisition VI Sponsor, LLC	United States
	M Acquisition VII Sponsor, LLC	United States
	MAC FUND ONE TRUST	Australia
	MACON COUNTY SOLAR PROJECT, LLC	United States
	MACON PARKWAY SOLAR PROJECT, LLC	United States
198500776M	MACQUARIE (ASIA) PTE LTD.	Singapore
27230949	MACQUARIE (ASIA) PTE LTD. TAIWAN BRANCH	Taiwan
51983	Macquarie (Bermuda) Limited	Bermuda
132 864 950	MACQUARIE (CIS) HOLDINGS PTY LTD	Australia
200228	MACQUARIE (HK) FINANCIAL SERVICES LIMITED	Hong Kong
0100-01-068766	MACQUARIE (JAPAN) LIMITED	Japan
SC280388	Macquarie (Scotland) GP Limited	United Kingdom
06287793	Macquarie (UK) Group Services Limited	United Kingdom
46-3119820	Macquarie Absolute Return Real Estate Fund (Master), Ltd.	Cayman Islands
008594885	MACQUARIE ACCEPTANCES PTY LIMITED	Australia
095180788	MACQUARIE ADMIN SERVICES PTY LIMITED	Australia
211745	Macquarie Advanced Investment Partners G.P. Ltd.	Cayman Islands
CS201900544	MACQUARIE ADVISORS (PHILIPPINES) INC.	Philippines
2003/014483/07	Macquarie Advisory and Capital Markets South Africa Proprietary Limited	South Africa
06863307	Macquarie Aerospace Investments Limited	United Kingdom
27-1564084	Macquarie Affiliated Managers (USA) Inc.	United States
26-2103542	Macquarie Affiliated Managers Holdings (USA) Inc.	United States
2000/001243/07	MACQUARIE AFRICA PROPRIETARY LIMITED	South Africa
122169368	MACQUARIE AGRICULTURAL FUNDS MANAGEMENT LTD	Australia
611566217	MACQUARIE AGRICULTURAL FUNDS MANAGEMENT NO.2 PTY LIMITED	Australia
139 633 015	MACQUARIE AIRCRAFT LEASING HOLDINGS PTY LIMITED	Australia
139 654 407	MACQUARIE AIRCRAFT LEASING PTY LIMITED	Australia
130 643 319	MACQUARIE AIRCRAFT LEASING SERVICES (AUSTRALIA) PTY LTD	Australia
	MACQUARIE AIRCRAFT LEASING TRUST A	Australia
38946	Macquarie AirFinance Ltd.	Bermuda
905984	Macquarie AirFinance Ltd., Dublin Branch	Ireland
26-2103542	Macquarie Allegiance Capital, LLC	United States
37-1740746	Macquarie Alpine Inc.	United States
103237181	MACQUARIE ALTERNATIVE ASSETS MANAGEMENT LIMITED	Australia
26-3816229	Macquarie Alternative Strategies	United States
617817893	Macquarie Amadeus Pty Limited	Australia
	Macquarie AMC Investment REIT LLC	United States

26-3769039	Macquarie America Holdings Inc.	United States
26-3771444	Macquarie America Services Inc.	United States
	Macquarie Americas Alpha Fund	Cayman Islands
	Macquarie Americas Alpha Master Fund	Cayman Islands
	Macquarie Americas Alpha US Feeder Fund	Cayman Islands
13-4184042	MACQUARIE AMERICAS CORP.	United States
124071414	MACQUARIE AMERICAS HOLDINGS PTY LTD	Australia
325180	Macquarie ASEAN Technology Investments Holdings GP Ltd.	Cayman Islands
201713780Z	Macquarie Asia Infrastructure Management 2 Pte. Limited	Singapore
289176	Macquarie Asia Infrastructure Management Limited	Cayman Islands
170076	Macquarie Asia Securities Limited	Hong Kong
313050	Macquarie Asia Specialized Asset Management I Limited	Cayman Islands
41-2183382	Macquarie Asset Advisers	United States
8253772	Macquarie Asset Finance Holdings Limited	United Kingdom
0100-01-107687	MACQUARIE ASSET FINANCE JAPAN LIMITED	Japan
57952C1/GBL	MACQUARIE ASSET FINANCE MAURITIUS LTD	Mauritius
064219601	MACQUARIE ASSET FINANCE PTY LIMITED	Australia
11670775	Macquarie Asset Holdings Limited	United Kingdom
134474712	MACQUARIE ASSET MANAGEMENT HOLDINGS PTY LIMITED	Australia
26-3263254	MACQUARIE ASSET MANAGEMENT INC.	United States
0100-01-156193	MACQUARIE ASSET MANAGEMENT JAPAN CO., LTD.	Japan
001263583	MACQUARIE ASSET MANAGEMENT PTY LIMITED	Australia
000736210	MACQUARIE AUSTRALIA PTY LIMITED	Australia
074453286	MACQUARIE AUSTRALIA SECURITIES PTY LIMITED	Australia
077595012	MACQUARIE AUSTRALIAN INFRASTRUCTURE MANAGEMENT 1 LIMITED	Australia
131476910	MACQUARIE AUSTRALIAN INFRASTRUCTURE MANAGEMENT 2 LIMITED	Australia
121836191	MACQUARIE AVENIR NO. 1 PTY LIMITED	Australia
121836235	MACQUARIE AVENIR NO. 2 PTY LIMITED	Australia
368589	Macquarie Aviation Capital Group Unlimited Company (in voluntary liquidation)	Ireland
124071432	MACQUARIE B.H. PTY LTD	Australia
06309906	Macquarie Bank International Limited	United Kingdom
HRB 189708	Macquarie Bank International Limited, Niederlassung Deutschland	Germany
FN 331748 s	Macquarie Bank International Limited, Vienna Branch	Austria
008583542	MACQUARIE BANK LIMITED	Australia
1045	Macquarie Bank Limited (DIFC Recognised Company)	United Arab Emirates
F18649	MACQUARIE BANK LIMITED (HONG KONG BRANCH)	Hong Kong
FC018220	Macquarie Bank Limited (London Branch)	United Kingdom
240-84-00025	MACQUARIE BANK LIMITED (SEOUL BRANCH) - In Liquidation	Korea, Republic of
N/A	Macquarie Bank Limited (Zurich Rep Office)	Switzerland
T11FC0018C	MACQUARIE BANK LIMITED SINGAPORE BRANCH	Singapore
R.P.M. 892390892	Macquarie Belgium TCG SPRL	Belgium
HRB 232767	Macquarie Beteiligungstreuhand GmbH	Germany
CNPJ03.516.449/0001	MACQUARIE BRASIL PARTICIPACOES LTDA	Brazil
109649292	MACQUARIE BUSINESS SOLUTIONS PTY LIMITED	Australia
	Macquarie CAF Finance Inc.	United States
	Macquarie CAF Funding II LLC	United States
	Macquarie CAF Funding III Inc.	United States
	Macquarie CAF Holdings Inc.	United States
	Macquarie CAF LLC	United States
	Macquarie CAF Management LLC	United States
13-4055193	Macquarie CAF RE Holdings, Inc.	United States
839742-2	Macquarie Canada MPIP GP Ltd.	Canada
839745-7	Macquarie Canada MPIP LP Ltd.	Canada
683412-4	Macquarie Canada Services Ltd.	Canada
6489800	Macquarie Canadian Investment Holdings Ltd.	Canada
123199548	MACQUARIE CAPITAL (AUSTRALIA) LIMITED	Australia
03704031	Macquarie Capital (Europe) Limited	United Kingdom
847 728 359	Macquarie Capital (Europe) Limited Paris Branch	France
34297902	Macquarie Capital (Europe) Limited, Amsterdam Branch	Netherlands
905963	Macquarie Capital (Europe) Limited, Dublin Branch	Ireland
N/A	Macquarie Capital (Europe) Limited, Geneva Representative Office	Switzerland
HRB 82506	Macquarie Capital (Europe) Limited, Niederlassung Deutschland	Germany
N/A	Macquarie Capital (Europe) Limited, Oficina de Representacion en Espana	Spain
634747	Macquarie Capital (Ireland) Designated Activity Company	Ireland
000042019788	Macquarie Capital (Ireland) Designated Activity Company, Amsterdam Branch	Netherlands
848 958 161 RCS Paris	Macquarie Capital (Ireland) Designated Activity Company, France Branch	France
HRB115258	Macquarie Capital (Ireland) Designated Activity Company, Niederlassung Deutschland	Germany
45.476,0/2019	Macquarie Capital (Ireland) Designated Activity Company, Sucursal En Espana	Spain
104-81-64533	MACQUARIE CAPITAL (KOREA) LIMITED	Korea, Republic of
1952567	MACQUARIE CAPITAL (NEW ZEALAND) LIMITED	New Zealand

199704430K	MACQUARIE CAPITAL (SINGAPORE) PTE. LIMITED	Singapore
98-0141094	MACQUARIE CAPITAL (USA) INC.	United States
002149053	Macquarie Capital Acquisitions (Canada) Ltd.	Canada
716740-7	Macquarie Capital Acquisitions (Canada) No.2 Ltd.	Canada
130 342 915	MACQUARIE CAPITAL ADVISERS CRE PTY LTD	Australia
137760822	MACQUARIE CAPITAL ARGENTINA PTY LTD	Australia
905313-1	Macquarie Capital Development Canada Ltd.	Canada
127829458	MACQUARIE CAPITAL FINANCE (AUSTRALIA) PTY LTD	Australia
133 664 632	MACQUARIE CAPITAL FINANCE HOLDINGS (AUSTRALIA) PTY LIMITED	Australia
110605724	MACQUARIE CAPITAL FUNDING (LP) PTY LIMITED	Australia
13-3789912	Macquarie Capital Funding LLC	United States
002149050	Macquarie Capital Holdings (Canada) Ltd.	Canada
43-2082900	Macquarie Capital Investment Management LLC	United States
135973	MACQUARIE CAPITAL LIMITED	Hong Kong
110-84-02227	MACQUARIE CAPITAL LIMITED (SEOUL BRANCH)	Korea, Republic of
89407381	Macquarie Capital Limited, Taiwan Securities Branch	Taiwan
565608	Macquarie Capital Markets Canada Ltd./Marchés Financiers Macquarie Canada Ltée.	Canada
1079073	Macquarie Capital Markets North America Ltd./Marchés Financiers Macquarie Amérique Du Nord Ltée.	Canada
	Macquarie Capital Partners, LLC	United States
803092-8	Macquarie Capital Principal Holdings Canada Ltd	Canada
U65920MH1995PTC090696	Macquarie Capital Securities (India) Private Limited	India
MC-134609	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED	Cayman Islands
0100-03-012063	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED (TOKYO BRANCH)	Japan
463469-W	MACQUARIE CAPITAL SECURITIES (MALAYSIA) SDN. BHD.	Malaysia
15184/2070C1/GBL	MACQUARIE CAPITAL SECURITIES (MAURITIUS) LIMITED	Mauritius
180496	Macquarie Capital Securities (Philippines) Inc.	Philippines
198702912C	MACQUARIE CAPITAL SECURITIES (SINGAPORE) PTE. LIMITED	Singapore
13-3789912	Macquarie Capital US Acquisitions LLC	United States
133 001 359	MACQUARIE CAPITAL WIND MANAGEMENT PTY LTD	Australia
169009	MACQUARIE CAYMAN HOLDINGS 2 CO.	Cayman Islands
168347	MACQUARIE CAYMAN HOLDINGS CO	Cayman Islands
081119477	MACQUARIE CGM TRADING PTY LIMITED	Australia
124022126	MACQUARIE CHEONGNA INVESTMENT PTY LTD	Australia
	Macquarie CMF LLC	United States
201016397N	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED	Singapore
SP.688/AsingP3A PDN.2/9/2010	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED, Indonesia Rep. Office	Indonesia
05259474	Macquarie Commodities (UK) Limited	United Kingdom
26-0555065	MACQUARIE COMMODITIES (USA) INC	United States
15.246.175/0001-50	Macquarie Commodities Brasil S/A	Brazil
06863247	Macquarie Commodities Factoring Holdings (UK) Limited	United Kingdom
20-5913559	MACQUARIE COMMODITIES FACTORING LLC	United States
05259503	Macquarie Commodities Finance (UK) Limited	United Kingdom
1049253-1	Macquarie Commodities Holding Canada Ltd.	Canada
20-5913559	MACQUARIE COMMODITIES HOLDINGS (USA) LLC	United States
633 247 935	MACQUARIE COMMODITIES PTY LIMITED	Australia
619688	Macquarie Commodities Trading (Ireland) Limited	Ireland
913100003017346652	MACQUARIE COMMODITIES TRADING (SHANGHAI) CO, LTD	China
91310000342091408Y	Macquarie Commodities Trading (Shanghai) Co, Ltd First Branch	China
201711753C	MACQUARIE COMMODITIES TRADING (SINGAPORE) PTE. LIMITED	Singapore
620092435	MACQUARIE COMMODITIES TRADING AUSTRALIA PTY LIMITED	Australia
199655	MACQUARIE COMMODITIES TRADING BAHAMAS LTD	Bahamas
1049254-0	Macquarie Commodities Trading Canada Ltd.	Canada
625 945 119	MACQUARIE COMMODITIES TRADING PTY LIMITED	Australia
CHE-490.254.918	Macquarie Commodities Trading SA	Switzerland
	Macquarie Commodities Trading US, LLC	United States
200813631K	MACQUARIE COMMODITY MARKETS (SINGAPORE) PTE. LIMITED	Singapore
	Macquarie Core Solar HoldCo, LLC	United States
4752472	Macquarie Corona Energy Holdings Limited	United Kingdom
611405	Macquarie Corporate (Hong Kong) Limited	Hong Kong
368580	Macquarie Corporate and Asset Finance (Ireland) Limited (in voluntary liquidation)	Ireland
7815862	Macquarie Corporate and Asset Finance 1 Limited	United Kingdom
8253764	Macquarie Corporate and Asset Finance 2 Limited	United Kingdom
006198910	MACQUARIE CORPORATE AND ASSET FINANCE LIMITED	Australia
26-3769367	MACQUARIE CORPORATE AND ASSET FUNDING INC.	United States
008606862	MACQUARIE CORPORATE FINANCE HOLDINGS PTY LIMITED	Australia
008595426	MACQUARIE CORPORATE FINANCE LIMITED	Australia
HRB52973	MACQUARIE CORPORATE FINANCE LIMITED NIEDERLASSUNG DEUTSCHLAND	Germany
0686899659	Macquarie Corporate Holdings Belgium NV	Belgium
125895	Macquarie Corporate Holdings Europe Limited	Jersey
096 705 109	MACQUARIE CORPORATE HOLDINGS PTY LIMITED	Australia

FC027878	Macquarie Corporate Holdings Pty Limited (UK Branch)	United Kingdom
123199253	MACQUARIE CORPORATE INTERNATIONAL HOLDINGS PTY LIMITED	Australia
20-1536178	MACQUARIE COTTON INTERNATIONAL INC.	United States
90-0797831	Macquarie Credit Investment Management Inc.	United States
266242	MACQUARIE CREDIT NEXUS FUND LIMITED	Cayman Islands
266243	MACQUARIE CREDIT NEXUS MASTER FUND LIMITED	Cayman Islands
27-2279644	Macquarie Crop Partners GP, LLC	United States
132821580	MACQUARIE DELTA1 FINANCE SERVICES PTY LIMITED	Australia
29318190	Macquarie Denmark Limited A/S in Voluntary Liquidation as from 09/08/2019	Denmark
102607616	MACQUARIE DEVELOPMENT CAPITAL II PTY LIMITED	Australia
008607083	MACQUARIE DIRECT INVESTMENT PTY LIMITED	Australia
20.3.0.31.542-6	Macquarie Distribution Finance Ltd.	Switzerland
114099795	MACQUARIE DIVERSIFIED ASSET ADVISORY PTY LIMITED	Australia
094631964	MACQUARIE EASTERN TRADING PTY LIMITED	Australia
54-2077555	MACQUARIE ELECTRONICS USA INC	United States
200408424K	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED	Singapore
F18440	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED (HONG KONG BRANCH)	Hong Kong
143365673	Macquarie Emerging Markets Investments Pty Ltd	Australia
127185719	MACQUARIE EMG HOLDINGS PTY LIMITED	Australia
22.084.882/0001-53	Macquarie Energia Brasil Comercializadora Ltda.	Brazil
CNPJ 19.641.624/0001-16	Macquarie Energia Brasil Ltda.	Brazil
6643795	Macquarie Energy Canada Ltd.	Canada
122300592	MACQUARIE ENERGY HOLDINGS PTY LTD	Australia
TDP 09.03.6.73.02806	MACQUARIE ENERGY HOLDINGS PTY LTD, Indonesia Foreign Trade Representative Office	Indonesia
8253776	Macquarie Energy Leasing Limited	United Kingdom
93-1043421	Macquarie Energy LLC	United States
MGS141223CE7	Macquarie Energy Mexico, S. de R.L. de C.V.	Mexico
20-3690322	Macquarie Energy North America Investments, LLC	United States
20-3690322	MACQUARIE ENERGY NORTH AMERICA TRADING INC.	United States
	Macquarie Energy Partners GP LLC	United States
	Macquarie Energy Partners Inc.	United States
	Macquarie Energy Partners, L.P.	United States
631 067 224	MACQUARIE ENERGY SERVICES PTY LIMITED	Australia
	Macquarie Energy Trading LLC	United States
	Macquarie Equipment Capital Inc.	United States
935411-5	Macquarie Equipment Finance (Canada) Limited	Canada
421234	Macquarie Equipment Finance Designated Activity Company	Ireland
2017/387403/10	Macquarie Equipment Finance Designated Activity Company (Registered as an external Company in South Africa)	South Africa
262381	MACQUARIE EQUIPMENT FINANCE LIMITED	New Zealand
605377-7	Macquarie Equipment Finance Ltd./Macquarie Financement d'Équipement Ltée.	Canada
475730	Macquarie Equipment Finance Services Limited	Ireland
468487	Macquarie Equipment Funding Limited	Ireland
459515-H	MACQUARIE EQUIPMENT LEASING SDN. BHD.	Malaysia
112079268	MACQUARIE EQUIPMENT RENTALS PTY LIMITED	Australia
063906392	MACQUARIE EQUITIES (US) HOLDINGS PTY. LIMITED	Australia
002574923	MACQUARIE EQUITIES LIMITED	Australia
001374572	MACQUARIE EQUITY CAPITAL MARKETS PTY LIMITED	Australia
91110111MA01AGJ4XC	Macquarie Equity Investment Management (Beijing) Co., Ltd.	China
7713808	Macquarie Euro Limited	United Kingdom
114801464	MACQUARIE EUROPEAN FINANCIAL INVESTMENTS PTY LTD	Australia
078771123	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED	Australia
F15820	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED (HONG KONG BRANCH)	Hong Kong
06146573	Macquarie European Investment Holdings Limited	United Kingdom
HRB 82991	Macquarie European Rail GmbH	Germany
078223382	MACQUARIE EUROPEAN RAIL HOLDINGS PTY LIMITED	Australia
8253782	Macquarie European Rail Limited	United Kingdom
B172.199	Macquarie European Rail Limited (Luxembourg Branch)	Luxembourg
	Macquarie Executive Holdings LLC	United States
06863285	Macquarie Factoring (UK) Limited	United Kingdom
122169304	MACQUARIE FARM SERVICES PTY LIMITED	Australia
13-3789912	Macquarie Fastracks Holdings LLC	United States
26-2864605	Macquarie FG Holdings Inc.	United States
6855383	Macquarie FICC (UK) Limited	United Kingdom
	Macquarie FICC Holdings USA Inc.	United States
132 573 436	MACQUARIE FIEX INVESTMENT PTY LIMITED	Australia
U65999MH2009PTC190863	MACQUARIE FINANCE (INDIA) PRIVATE LIMITED	India
118817440	MACQUARIE FINANCE HOLDINGS LIMITED	Australia
106-81-94256	MACQUARIE FINANCE KOREA CO., LTD.	Korea, Republic of
001214964	MACQUARIE FINANCE LIMITED	Australia
13-3789912	Macquarie Financial Holdings (USA) LLC	United States

124071398	MACQUARIE FINANCIAL HOLDINGS PTY LIMITED	Australia
F15819	MACQUARIE FINANCIAL HOLDINGS PTY LIMITED (HONG KONG BRANCH)	Hong Kong
095135694	MACQUARIE FINANCIAL PRODUCTS MANAGEMENT LIMITED	Australia
200800950C	MACQUARIE FINANCIAL SERVICES (ASIA) PTE. LIMITED (in liquidation wef 29 Sep 2015)	Singapore
128948498	MACQUARIE FINANCIAL SERVICES HOLDINGS PTY LIMITED	Australia
2007/030612/07	Macquarie Financial Trustees Proprietary Limited (In De-registration)	South Africa
HRB 98935	Macquarie Fonds GmbH	Germany
HRB 99628	Macquarie Fondsmanagement GmbH	Germany
093752946	MACQUARIE FORESTRY SERVICES PTY LIMITED	Australia
52230658	Macquarie Formosa 1 Co., Ltd.	Taiwan
55667289	Macquarie Formosa Solar Co., Ltd.	Taiwan
481 104 479 R.C.S. Paris	Macquarie France SARL	France
127735960	MACQUARIE FUND ADVISERS PTY LIMITED	Australia
3UMP7T,99999,SL,442	Macquarie Fund Solutions- Emerging Markets Small Cap Fund	Luxembourg
1137277-7	Macquarie Funding 5 Ltd.	Canada
1137278-5	Macquarie Funding 6 Ltd.	Canada
657826-8	Macquarie Funding Holdings Canada Ltd.	Canada
20-5913559	MACQUARIE FUNDING HOLDINGS LLC	United States
6581935	Macquarie Funding Inc.	Canada
LP00000352	MACQUARIE FUNDING LIMITED PARTNERSHIP	Australia
	Macquarie Funding LLC	United States
	Macquarie Funding USA Inc.	United States
	Macquarie Fundo De Investimento Multimercado Crédito Privado Investimento No Exterior	Brazil
093177407	MACQUARIE FUNDS MANAGEMENT HOLDINGS PTY LIMITED	Australia
724745	MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Hong Kong
201715715W	MACQUARIE FUTURES (SINGAPORE) PTE. LIMITED	Singapore
20-4193486	Macquarie Futures USA LLC	United States
137072112	MACQUARIE FX INVESTMENTS PTY LTD	Australia
128219330	MACQUARIE GCUH HOLDINGS PTY LIMITED	Australia
HRB 82733	Macquarie Germany Holdings GmbH	Germany
B233927	Macquarie GIG Renewable Energy Fund 2 SCSP	Luxembourg
091487384	Macquarie Global Bond Fund	Australia
068897C1/GBL	MACQUARIE GLOBAL FINANCE SERVICES (MAURITIUS) LIMITED	Mauritius
05259497	Macquarie Global Investments (UK) Limited	United Kingdom
3UMP7T.99999.SL.442	Macquarie Global Multi Asset Income Fund (SICAV)	Luxembourg
194165	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS G.P. LTD	Cayman Islands
131661697	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS INVESTMENT PTY LTD	Australia
20-8983535	Macquarie Global Opportunities Partners LLC	United States
	Macquarie Global Services (USA) LLC	United States
U93090DL2007FTC199006	MACQUARIE GLOBAL SERVICES PRIVATE LIMITED	India
	Macquarie Good Ventures Inc.	United States
05488013	Macquarie GP Limited	United Kingdom
05718600	Macquarie GP2 Limited	United Kingdom
1396768	Macquarie Greater China Infrastructure Advisory Limited	Hong Kong
WK-245599	Macquarie Greater China Infrastructure Management Limited	Cayman Islands
124071389	MACQUARIE GROUP (US) HOLDINGS NO.1 PTY LTD	Australia
122169279	MACQUARIE GROUP EMPLOYEE RETAINED EQUITY PLAN (MEREP Trust)	Australia
200412291W	MACQUARIE GROUP HOLDINGS (SINGAPORE) PTE. LIMITED	Singapore
06357992	Macquarie Group Holdings (UK) No.1 Limited	United Kingdom
06357999	Macquarie Group Holdings (UK) No.2 Limited	United Kingdom
1952566	MACQUARIE GROUP HOLDINGS NEW ZEALAND LIMITED	New Zealand
124071478	MACQUARIE GROUP HOLDINGS NO.3 PTY LTD	Australia
11670358	Macquarie Group Investments (UK) No.1 Limited	United Kingdom
07438584	Macquarie Group Investments (UK) No.2 Limited	United Kingdom
122169279	MACQUARIE GROUP LIMITED	Australia
CS201909201	MACQUARIE GROUP SERVICES (PHILIPPINES), INC.	Philippines
200703288K	MACQUARIE GROUP SERVICES (SINGAPORE) PTE. LIMITED	Singapore
116467031	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD	Australia
FC027877	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD (UK BRANCH)	United Kingdom
909027	Macquarie Group Services Australia PTY LTD, Ireland Branch	Ireland
609449149	MACQUARIE GROUP TREASURY PTY LTD	Australia
728003-3	Macquarie Holdings (Canada) Ltd	Canada
388232	Macquarie Holdings (Mexico), S.A. DE C.V.	Mexico
200703280D	MACQUARIE HOLDINGS (SINGAPORE) PTE. LTD.	Singapore
13-3789912	MACQUARIE HOLDINGS (U.S.A.) INC.	United States
06309919	Macquarie Holdings (UK) No.1 Limited	United Kingdom
201714295K	MACQUARIE HOLDINGS 2 (SINGAPORE) PTE. LIMITED	Singapore
2006/000891/07	Macquarie Holdings South Africa Proprietary Limited	South Africa
MC-199805	Macquarie Hong Kong Finance Limited	Cayman Islands
F15963	Macquarie Hong Kong Finance Limited (Hong Kong Branch)	Hong Kong
133001751	MACQUARIE I A RETURNS PTY LIMITED	Australia

36-4307649	MACQUARIE INC	United States
58341C1/GBL	MACQUARIE INDIA HOLDINGS LIMITED	Mauritius
200823500E	MACQUARIE INDIA INFRASTRUCTURE MANAGEMENT HOLDINGS PTE. LIMITED	Singapore
C41803	MACQUARIE INDUSTRIAL INVESTMENTS MALTA LIMITED	Malta
CS201221372	MACQUARIE INFRASTRUCTURE ADVISORY (PHILIPPINES) INC.	Philippines
03976881	Macquarie Infrastructure and Real Assets (Europe) Limited	United Kingdom
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited (Spain)	Spain
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited, (Germany)	Germany
CL1804	Macquarie Infrastructure and Real Assets (Europe) Limited, DIFC Representative Office	United Arab Emirates
499 798 742 R.C.S. Paris	Macquarie Infrastructure and Real Assets (Europe) Limited, Paris Branch	France
084 32 112	Macquarie Infrastructure and Real Assets (Europe) Limited, Prague branch	Czech Republic
623285	Macquarie Infrastructure and Real Assets (Hong Kong) Limited	Hong Kong
U67190MH2013PTC241809	Macquarie Infrastructure and Real Assets (India) Private Limited	India
784370-4	Macquarie Infrastructure and Real Assets (Sales) Canada Ltd	Canada
200513362E	MACQUARIE INFRASTRUCTURE AND REAL ASSETS (SINGAPORE) PTE. LIMITED	Singapore
10640222	Macquarie Infrastructure and Real Assets Core Limited	United Kingdom
082018399	MACQUARIE INFRASTRUCTURE AND REAL ASSETS HOLDINGS PTY LIMITED	Australia
20-8983572	Macquarie Infrastructure and Real Assets Inc.	United States
B 209.047	Macquarie Infrastructure and Real Assets Investments (Luxembourg) S.à r.l.	Luxembourg
10290869	Macquarie Infrastructure and Real Assets Investments 3 Limited	United Kingdom
8248121	Macquarie Infrastructure and Real Assets Investments Limited	United Kingdom
B233.546	Macquarie Infrastructure and Real Assets Luxembourg S.à r.l.	Luxembourg
401814	Macquarie Infrastructure and Real Assets México, S.A. de C.V.	Mexico
084828437	MACQUARIE INFRASTRUCTURE AND REAL ASSETS PTY LIMITED	Australia
B138295	Macquarie Infrastructure and Real Assets S.à r.l.	Luxembourg
	Macquarie Infrastructure Developments LLC	United States
074311390	MACQUARIE INFRASTRUCTURE FUNDS MANAGEMENT PTY LIMITED	Australia
5755862	Macquarie Infrastructure GP Limited	United Kingdom
WK-228075	MACQUARIE INFRASTRUCTURE LIMITED	Cayman Islands
112772871	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED	Australia
T06FC6823A	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED - SINGAPORE BRANCH	Singapore
128212868	MACQUARIE INFRASTRUCTURE MANAGEMENT (AUSTRALIA) LIMITED	Australia
20-0643354	MACQUARIE INFRASTRUCTURE MANAGEMENT (USA) INC	United States
115524028	MACQUARIE INFRASTRUCTURE MANAGEMENT LIMITED	Australia
4339673	Macquarie Infrastructure Partners Canada GP Ltd.	Canada
	Macquarie Infrastructure Partners II GP LLC	United States
30-0777655	Macquarie Infrastructure Partners III GP LLC	United States
20-4166306	MACQUARIE INFRASTRUCTURE PARTNERS INC	United States
	Macquarie Infrastructure Partners IV GP LLC	United States
20-8983572	Macquarie Infrastructure Partners U.S. GP LLC	United States
46726	Macquarie Infrastructure Philippines Limited	Bermuda
41533	MACQUARIE INFRASTRUCTURE REINSURANCE COMPANY LIMITED	Bermuda
330937	Macquarie Innovative Vision Fund Manager Limited	Cayman Islands
337957	Macquarie Innovative Vision Partners II Limited	Cayman Islands
330936	Macquarie Innovative Vision Partners Limited	Cayman Islands
200505701K	MACQUARIE INSURANCE (SINGAPORE) PTE. LTD.	Singapore
B231864	Macquarie Insurance Facility Luxembourg S.à r.l.	Luxembourg
092985263	MACQUARIE INTERNATIONAL FINANCE LIMITED	Australia
04125302	Macquarie International Holdings Limited	United Kingdom
91310000736671894N	MACQUARIE INTERNATIONAL HOUSING AND LAND CONSULTING (SHANGHAI) COMPANY LIMITED	China
108590996	MACQUARIE INTERNATIONAL INVESTMENTS PTY LIMITED	Australia
01802574	Macquarie International Limited	United Kingdom
F11422	MACQUARIE INTERNATIONAL LIMITED (HONG KONG BRANCH)	Hong Kong
169002	MACQUARIE INTERNATIONAL NEW YORK PARKING CO	Cayman Islands
502151	Macquarie International Services Limited	Hong Kong
04957256	Macquarie Internationale Investments Limited	United Kingdom
1660458	Macquarie Internet Investments Limited	Hong Kong
36631	MACQUARIE INVESTMENT (HONG KONG) LIMITED	Hong Kong
91110000765502969R	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD	China
91310000662467128L	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD (SHANGHAI BRANCH)	China
91310000MA1K31CL4R	Macquarie Investment Consulting (Shanghai) Co Ltd.	China
91310000MA1FR21D8P	Macquarie Investment Consulting (Shanghai) Co Ltd. (Shanghai Branch)	China
112017919	MACQUARIE INVESTMENT HOLDINGS NO.2 PTY LIMITED	Australia
122939600	MACQUARIE INVESTMENT HOLDINGS PTY LIMITED	Australia
41471	MACQUARIE INVESTMENT MANAGEMENT (BERMUDA) LIMITED	Bermuda
23-2859590	Macquarie Investment Management Advisers	United States
092552611	MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LIMITED	Australia
FN 171881 t	Macquarie Investment Management Austria Kapitalanlage AG	Austria

N/A	Macquarie Investment Management Business Trust	United States
09612439	Macquarie Investment Management Europe Limited	United Kingdom
MI - 2115687	Macquarie Investment Management Europe Limited (Italy Representative Office)	Italy
HRB 235204	Macquarie Investment Management Europe Limited, Niederlassung München	Germany
HRB 250325	Macquarie Investment Management Europe S.A. (Germany Branch)	Germany
B62.793	Macquarie Investment Management Europe SA	Luxembourg
81-0842539	Macquarie Investment Management General Partner, Inc.	United States
086159060	MACQUARIE INVESTMENT MANAGEMENT GLOBAL LIMITED	Australia
FN 350922 m	Macquarie Investment Management Holdings (Austria) GmbH	Austria
B222865	Macquarie Investment Management Holdings (Luxembourg) S.à r.l.	Luxembourg
604 942 127	MACQUARIE INVESTMENT MANAGEMENT HOLDINGS PTY LIMITED	Australia
116-81-22180	MACQUARIE INVESTMENT MANAGEMENT KOREA CO., LTD.	Korea, Republic of
002867003	MACQUARIE INVESTMENT MANAGEMENT LTD	Australia
CHE-283.758.331	Macquarie Investment Management Switzerland GmbH	Switzerland
071745401	MACQUARIE INVESTMENT SERVICES LIMITED	Australia
WK-133809	MACQUARIE INVESTMENTS (SINGAPORE) LIMITED	Cayman Islands
04104671	Macquarie Investments (UK) Limited	United Kingdom
05582630	Macquarie Investments 1 Limited	United Kingdom
05708696	Macquarie Investments 2 Limited	United Kingdom
07012592	Macquarie Investments 3 Limited	United Kingdom
069416977	MACQUARIE INVESTMENTS AUSTRALIA PTY LIMITED	Australia
HRB 74953	Macquarie Investments Deutschland GmbH	Germany
2009/012283/07	Macquarie Investments Proprietary Limited	South Africa
45-2856257	Macquarie Investments US Inc.	United States
119211433	MACQUARIE INVESTORS PTY LTD	Australia
107147222	MACQUARIE JAPAN INFRASTRUCTURE NO.1 PTY LIMITED	Australia
107147188	MACQUARIE JAPAN INFRASTRUCTURE NO.2 PTY LIMITED	Australia
117560282	MACQUARIE JAPAN INFRASTRUCTURE NO.3 PTY LIMITED	Australia
117560415	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED	Australia
0100-03-012591	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED (JAPAN BRANCH) - In Liquidation	Japan
LP16087	Macquarie Juweel Investor LP	United Kingdom
104-81-76330	MACQUARIE KOREA ASSET MANAGEMENT CO., LTD.	Korea, Republic of
104-81-95716	MACQUARIE KOREA OPPORTUNITIES MANAGEMENT, LTD.	Korea, Republic of
110356968	MACQUARIE LAH PTY LIMITED	Australia
91110000717864826D	MACQUARIE LEASING (CHINA) CO LIMITED	China
02997799	Macquarie Leasing (UK) Limited	United Kingdom
05867292	Macquarie Leasing Limited	United Kingdom
20-3609362	Macquarie Leasing LLC	United States
002675032	MACQUARIE LEASING NSW PTY LTD	Australia
002674982	MACQUARIE LEASING PTY LTD	Australia
OC363068	Macquarie Lending & Investment Partners LLP	United Kingdom
003963773	MACQUARIE LIFE LIMITED	Australia
HRB 74075	Macquarie Management GmbH	Germany
23-2693133	Macquarie Management Holdings, Inc.	United States
090 079 413	MACQUARIE MASTER SMALL COMPANIES FUND	Australia
51142C1/GBL	MACQUARIE MAURITIUS INVESTMENTS LIMITED	Mauritius
133000987	MACQUARIE MDW INVESTMENTS PTY LTD	Australia
616 486 974	MACQUARIE MEREEENIE PTY LTD	Australia
639997-5	Macquarie Metals and Energy Capital (Canada) Ltd.	Canada
04920378	Macquarie Meters 2 (UK) Limited	United Kingdom
07361419	Macquarie Meters 3 (UK) Limited	United Kingdom
1344888	Macquarie Meters 4 Limited	Hong Kong
9794737	Macquarie Meters 5 (UK) Limited	United Kingdom
397181	MACQUARIE MEXICO INFRASTRUCTURE MANAGEMENT, S.A. DE C.V.	Mexico
477795	Macquarie Mexico Real Estate Management, S.A. de C.V.	Mexico
095180564	MACQUARIE MIDDLE EAST HOLDINGS PTY LIMITED	Australia
616 486 983	MACQUARIE MINING AND ENERGY INVESTMENTS PTY LIMITED	Australia
130225222	MACQUARIE MIRA FUND INVESTMENTS PTY LTD	Australia
120070788	MACQUARIE MORTGAGES CANADA HOLDINGS PTY LIMITED	Australia
057760175	MACQUARIE MORTGAGES PTY LIMITED	Australia
22-3840451	MACQUARIE MORTGAGES USA INC	United States
200404077D	MACQUARIE NE HOLDINGS (SINGAPORE) PTE. LIMITED (in liquidation wef 28/11/2016)	Singapore
6798497	Macquarie New World Gaming Canada Ltd.	Canada
N/A	Macquarie New World Gaming Partnership	Canada
	Macquarie NG-KIH Holdings, LLC	United States
123851436	MACQUARIE NOOSA PTY LTD (IN DEREGISTRATION)	Australia
3481018	Macquarie North America Ltd.	Canada
	Macquarie Northeast Property II Inc.	United States
129 961 986	Macquarie NRAS Trust	Australia
	Macquarie Nufang US LLC	United States
008595711	MACQUARIE NZ HOLDINGS PTY LIMITED	Australia
129 590 576	MACQUARIE OFFSHORE SERVICES PTY LTD	Australia

FS200805155	Macquarie Offshore Services Pty Ltd - Philippine Branch	Philippines
20-5426915	MACQUARIE OIL AND GAS HOLDINGS INC	United States
OF2150	MACQUARIE ONE LIMITED	United Arab Emirates
26-4389305	Macquarie Opportunities Inc.	United States
002934705	MACQUARIE OPTIONS PTY. LIMITED	Australia
115251619	MACQUARIE PAYMENTS INFRASTRUCTURE HOLDINGS PTY LIMITED	Australia
	Macquarie PF II LLC	United States
	Macquarie PF Inc.	United States
	Macquarie PF LLC	United States
09995266	Macquarie Physical Commodities UK Limited	United Kingdom
83-2987158	Macquarie Physical Commodities, LLC	United States
45-1622999	Macquarie Physical Metals (USA) Inc.	United States
201842473W	MACQUARIE PRINCIPAL FINANCE ASIA PTE. LIMITED	Singapore
629759600	MACQUARIE PRINCIPAL FINANCE PTY LIMITED	Australia
FC035740	Macquarie Principal Finance Pty Limited, UK Branch	United Kingdom
11667655	Macquarie Principal Finance UK Limited	United Kingdom
112561501	MACQUARIE PRINCIPAL PTY LIMITED	Australia
082038328	MACQUARIE PRISM PTY LIMITED	Australia
	Macquarie Private Debt Asset Management, LLC	United States
590627	Macquarie Private Debt Europe Limited	Ireland
089987388	Macquarie Private Portfolio Management Pty Limited	Australia
625128	Macquarie Products (Ireland) Limited	Ireland
601831467	Macquarie Professional Series Global Equity Fund	Australia
2292323	Macquarie Projects Limited	Hong Kong
064904169	MACQUARIE PROPERTY (OBU) PTY LIMITED	Australia
142 083 092	MACQUARIE RADAR HOLDINGS PTY LIMITED	Australia
730170-7	Macquarie Rail Canada Limited	Canada
27-2437046	Macquarie Real Estate Absolute Return Partners, Inc.	United States
26-3872414	MACQUARIE REAL ESTATE ADVISORY SERVICES LLC	United States
82-2058238	Macquarie Real Estate Funds Management Inc.	United States
624 520 556	MACQUARIE REAL ESTATE INVESTMENT HOLDING (ASIA PACIFIC) PTY LIMITED	Australia
625995324	MACQUARIE REAL ESTATE INVESTMENT HOLDING (AUSTRALIA) PTY LIMITED	Australia
	Macquarie Real Estate Investments Holdings (North America), Inc.	United States
HE 291792	Macquarie Renaissance Corporate Finance Holdings Limited	Cyprus
616987949	MACQUARIE RENEWABLE ENERGY HOLDINGS PTY LIMITED	Australia
26-1386300	MACQUARIE RENEWABLE ENERGY INC	United States
	Macquarie Renewables Asset Trust	Australia
	Macquarie Renewables Project Trust	Australia
672846-4	Macquarie Resource Capital Canada Ltd.	Canada
07055620	Macquarie Restorations Limited	United Kingdom
998584	Macquarie Retail Management (Asia) Limited	Hong Kong
1273174	MACQUARIE RETAIL REAL ESTATE MANAGEMENT LIMITED	Hong Kong
	Macquarie Rotorcraft Holdings LLC	United States
535266	Macquarie Rotorcraft Leasing (Ireland) Limited	Ireland
639147	MACQUARIE ROTORCRAFT LEASING GROUP LIMITED	Ireland
11697950	Macquarie Rotorcraft Leasing Holdings Limited	United Kingdom
2789711	Macquarie Rotorcraft Leasing Services (Hong Kong) Limited	Hong Kong
640740	Macquarie Rotorcraft Leasing Services (Ireland) Limited	Ireland
11744005	Macquarie Rotorcraft Leasing Services (UK) Limited	United Kingdom
2019/234469/10	Macquarie Rotorcraft Leasing Services (UK) Limited (Registered as an external Company in South Africa)	South Africa
46-3045888	Macquarie Rotorcraft Leasing, Inc.	United States
604949144	MACQUARIE SCT PTY LIMITED	Australia
002832126	MACQUARIE SECURITIES (AUSTRALIA) LIMITED	Australia
9131000066438035XT	MACQUARIE SECURITIES (AUSTRALIA) LIMITED SHANGHAI REPRESENTATIVE OFFICE	China
1748511	MACQUARIE SECURITIES (NZ) LIMITED	New Zealand
0105539119915	MACQUARIE SECURITIES (THAILAND) LIMITED	Thailand
728007-6	Macquarie Securities Financing Ltd (Canada)	Canada
104-81-99444	MACQUARIE SECURITIES KOREA LIMITED	Korea, Republic of
003435443	MACQUARIE SECURITIES MANAGEMENT PTY LIMITED	Australia
2006/023546/06	MACQUARIE SECURITIES SOUTH AFRICA LIMITED	South Africa
641342	MACQUARIE SECURITISATION (HONG KONG) LIMITED	Hong Kong
075289002	MACQUARIE SECURITISATION (OBU) PTY LIMITED	Australia
003297336	MACQUARIE SECURITISATION LIMITED	Australia
44	Macquarie Septa (Guernsey), LLP	Guernsey
LP016856	Macquarie Septa (UK) I, LP	United Kingdom
LP016857	Macquarie Septa (UK) II, LP	United Kingdom
	Macquarie Septa (US) I, LLC	United States
	Macquarie Septa Aero, LLC	United States
496224	MACQUARIE SERVICES (HONG KONG) LIMITED	Hong Kong
388231	MACQUARIE SERVICES (MEXICO), S.A. de C.V.	Mexico
27-3610899	Macquarie Services (USA) LLC	United States
608 027 667	MACQUARIE SERVICES PARTNERSHIP PTY LIMITED	Australia

CHE-147.179.326	Macquarie Services SA	Switzerland
17733	Macquarie Servicios Electricos de Mexico S. de R.L de C.V.	Mexico
11.988.470/001-21	Macquarie Servicos Agricolas Limitada	Brazil
45-4703789	Macquarie Sierra Investment Holdings Inc.	United States
116582524	MACQUARIE SPECIALISED ACCOMMODATION SOLUTIONS PTY LIMITED	Australia
EC#39329	MACQUARIE SPECIALISED ASSET MANAGEMENT (BERMUDA) LIMITED	Bermuda
075295608	MACQUARIE SPECIALISED ASSET MANAGEMENT 2 LIMITED	Australia
087382965	MACQUARIE SPECIALISED ASSET MANAGEMENT LTD	Australia
10325961	Macquarie Specialised Investment Solutions Limited	United Kingdom
125 574 389	MACQUARIE SPECIALIST INVESTMENTS LENDING LIMITED	Australia
46-2151809	Macquarie Storage Investments Inc.	United States
	Macquarie Strategic Funding Holdings Inc.	United States
086587635	MACQUARIE STRUCTURED AND SPECIALIST INVESTMENTS HOLDINGS PTY LIMITED	Australia
HRB 87430	Macquarie Structured Products (Europe) GmbH	Germany
2009/012427/10	Macquarie Structured Products (International) Limited (Registered as an external Company in South Africa)	South Africa
065747417	MACQUARIE STRUCTURED PRODUCTS (INTERNATIONAL) PTY LIMITED	Australia
489855	Macquarie Structured Securities (Europe) Public Limited Company	Ireland
008607038	MACQUARIE SWAN STREET PTY LIMITED	Australia
065309033	MACQUARIE SYNDICATION (NO.12) PTY LIMITED	Australia
080218846	MACQUARIE TECHNOLOGY INVESTMENTS PTY LIMITED	Australia
680639-2	Macquarie Technology Services (Canada) Ltd.	Canada
080472751	MACQUARIE TECHNOLOGY VENTURES PTY LTD	Australia
	Macquarie Texas Loan Holder LLC	United States
008606906	MACQUARIE THIRTY-THIRD AVIATION LEASING PTY. LIMITED	Australia
20-5913622	Macquarie Trading Services Inc.	United States
11655793	Macquarie Transportation Finance Limited	United Kingdom
11172202	Macquarie Transportation Holdings Limited	United Kingdom
HRB 76979	Macquarie Treuermögen GmbH	Germany
2007/035961/07	Macquarie Trustees South Africa Proprietary Limited	South Africa
008607109	MACQUARIE TWENTIETH AVIATION LEASING PTY. LIMITED	Australia
02579363	Macquarie UK Holdings Limited	United Kingdom
05452920	Macquarie UK Passenger Leasing Limited	United Kingdom
46-1366111	Macquarie US Gas Supply LLC	United States
	Macquarie US MPIP GP LLC	United States
	Macquarie US MPIP LP LLC	United States
3UMP7T.99999.SL.442	Macquarie US Smaller Companies	Luxembourg
45-2856257	Macquarie US Trading LLC	United States
261723	MACQUARIE VEHICLES (NZ) LIMITED	New Zealand
2299526	Macquarie Ventures (Hong Kong) Limited	Hong Kong
HRB 99629	Macquarie Vermögenstreuhand GmbH	Germany
HRB 232580	Macquarie Verwaltungs GmbH	Germany
603 363 220	MACQUARIE WORSLEY HOLDINGS PTY LIMITED	Australia
213181	Macquarie Zhaopin Holdings Limited	Cayman Islands
46-2716036	Macquarie-PowerFin Solar, LLC	United States
	MADISON COUNTY SOLAR PROJECT, LLC	United States
	MADISON FIELDS SOLAR PROJECT, LLC	United States
619 573 643	MAFCA INVESTMENTS PTY LIMITED	Australia
B-88238456	Magnolia Solar PV, S.L.	Spain
B 215.119	MAIF 2 Luxembourg GP S.à r.l.	Luxembourg
B 222.868	MAIF2 Executives SCSp	Luxembourg
B88238464	Manzano Solar PV, S.L.	Spain
	MAP HOLDING TRUST	Australia
	MARENGO STARR SOLAR PROJECT, LLC	United States
	MARION COUNTY SOLAR PROJECT, LLC	United States
	MARK CENTER SOLAR PROJECT, LLC	United States
11909504	Markbygden Investments (UK) Limited	United Kingdom
	MARQUETTE COUNTY SOLAR PROJECT, LLC	United States
2006/000899/07	Mazi Macquarie Securities (RF) Proprietary Limited	South Africa
634817	MBE Operating Company Designated Activity Company	Ireland
848 958 278	MBE Operating Company Designated Activity Company France Branch	France
	MBL COVERED BOND TRUST	Australia
363941	MC Capital Group Unlimited Company (in voluntary liquidation)	Ireland
146 752 329	MC EDUCATION HOLDINGS PTY LTD	Australia
	MCHENRY COUNTY SOLAR PROJECT, LLC	United States
26-1386300	MCP Solar Assets Partners I LLC	United States
26-2282798	MCP Solar Assets Partners II LLC	United States
90-1003550	MD - PTH, LLC	United States
	Meadowlark Depositor LLC	United States
	Medical Science & Computing, LLC	United States
	Medical Student Loan Trust	United States
04866246	MEIF (UK) Limited	United Kingdom

SL29421	MEIF 5 Executives LP	United Kingdom
61582	MEIF 5 Guernsey GP Limited	Guernsey
B 205.045	MEIF 5 Luxembourg GP S.à r.l.	Luxembourg
LP19597	MEIF 5 MA LP	United Kingdom
B 230.098	MEIF 6 Executives SCSp	Luxembourg
B224086	MEIF 6 Luxembourg GP S.à r.l.	Luxembourg
132 468 734	MELRO HOLDCO PTY LIMITED	Australia
	MEP California Energy Holdings, LLC	United States
	MEP California Energy, LLC	United States
	MERCER COUNTY II SOLAR PROJECT, LLC	United States
	MERCER COUNTY III SOLAR PROJECT, LLC	United States
	MERCER COUNTY SOLAR PROJECT, LLC	United States
61686	MGIDF Guernsey GP Limited	Guernsey
200708397H	MGJ HOLDINGS PTE. LIMITED	Singapore
20-8983572	MGOP Feeder I GP LLC	United States
09299753	MGREF 1 GP Limited	United Kingdom
B233863	MGREF 2 Luxembourg GP S.à r.l.	Luxembourg
58972	MIDF UK1 GUERNSEY GP LIMITED	Guernsey
7	MIDF UK1 LLP	Guernsey
59027	MIDF UK1B GUERNSEY GP LIMITED	Guernsey
61687	MIDF UK2 Guernsey GP Limited	Guernsey
	MIDLAND-WIREGRASS SOLAR PROJECT, LLC	United States
10140440	MIF Holdings Limited	United Kingdom
20-8723490	MIF US Investment Holdings LLC	United States
20-8879012	MIF US INVESTMENT PARTNERSHIP	United States
	MIGS (ECI) GP, LLC	United States
	MIGS II (ECI) GP, LLC	United States
	MIHI Boxwood Sponsor, LLC	United States
13-3789912	MIHI LLC	United States
38-3938360	MIP III (ECI) GP LLC	United States
	MIP III Tigerfish (Canada) GP LLC	United States
	MIP IV (Canada) GP, LLC	United States
	MIP IV (ECI) Australian Executives, G.P.	United States
	MIP IV (ECI) Carry, L.P.	United States
	MIP IV (ECI) Executives, L.P.	United States
	MIP IV (ECI) Global Executives, L.P.	United States
	MIP IV (ECI) GP, LLC	United States
	MIP IV Executives, L.P.	United States
B 213.745	MIP IV Luxembourg GP S.à r.l.	Luxembourg
	MIRA Americas, Inc.	United States
HRB 212106	MIRA Beteiligungs GmbH	Germany
	MIRA Infrastructure Global Solution GP LLC	United States
	MIRA Infrastructure Global Solution II GP, LLC	United States
62697	MIRA UK Gas Holdings GP Limited	Guernsey
11392304	Mitochon Limited	United Kingdom
82-3000316	MLH 650 Oakdale, LLC	United States
82-3448347	MLH Bluff Road Holdings, LLC	United States
	MLH Bluff Road Lot 3, LLC	United States
82-4149757	MLH Logistics DevCo, LLC	United States
82-2986892	MLH Logistics Holdings, LLC	United States
82-3012398	MLH Oakdale Holdings, LLC	United States
0100-03-029578	MM PV G.K.	Japan
20-5336393	Moonstone Lien Investments, LLC	United States
10480217	Moorgate PL Holdings Limited	United Kingdom
	MORRAL RUN SOLAR PROJECT, LLC	United States
08499211	MPF Nominees Limited	United Kingdom
7317376	MPF PARKING HOLDINGS NZ LIMITED	New Zealand
7320380	MPF PARKING NZ LIMITED	New Zealand
451722	MPFI INVESTMENTS LIMITED (in members' voluntary liquidation)	Ireland
061160558	MQ CAPITAL PTY LIMITED	Australia
600550	MQ PPP Investments Ireland GP Limited	Ireland
086438995	MQ SPECIALIST INVESTMENT MANAGEMENT LIMITED	Australia
U51909MH2012FTC226545	MQG Commodities (India) Private Limited	India
	MQKOHLI-GP LLC	United States
	MQKOHLI-LP LLC	United States
	MRED Lending, LLC	United States
B 214.197	MSCIF Co-Invest SCSp	Luxembourg
B 214.067	MSCIF Luxembourg GP S.à r.l.	Luxembourg
B 216.782	MSCIF Sophisticated Staff Investors Feeder SCSp	Luxembourg
124335333	MTF HOLDINGS PTY LIMITED	Australia
	MUSCATINE COUNTY SOLAR PROJECT, LLC	United States
	MUSKEGON GREEN SOLAR PROJECT, LLC	United States
	NASSAU COUNTY ENERGY STORAGE II, LLC	United States
	NASSAU COUNTY ENERGY STORAGE III, LLC	United States
	NASSAU COUNTY ENERGY STORAGE, LLC	United States
10266050	NASU Energy Storage Limited	United Kingdom

201918662k	NETO HOLDINGS PTE. LIMITED	Singapore
90-0891597	New Jersey Boardwalk Lien Investments, LLC	United States
B132283	New World Gaming International S.a.r.l	Luxembourg
46-1504548	New York Crystal Swan, LLC	United States
	Newton Solar SPV I LLC	United States
	NewZoom Holdings LLC	United States
11868153	NieuweWind HoldCo Limited	United Kingdom
	Northeast Property Owner LLC	United States
	Notar I-4 Tampa LP	United States
559176-0623	Notus Wind Holdings AB	Sweden
624 080 404	NU MOBILE PTY LIMITED	Australia
610961165	NUIX HOLDING PTY LTD	Australia
496300	Nuix Ireland Limited	Ireland
	Nuix North America Inc	United States
FS201607067	NUIX PHILIPPINES REGIONAL OPERATING HEADQUARTERS	Philippines
201536944Z	NUIX PTE. LTD.	Singapore
117140235	Nuix Pty Ltd	Australia
07945899	Nuix Technology UK Limited	United Kingdom
	Nuix USG Inc	United States
BC0883591	NWG Canada Investments Ltd.	Canada
157723441	NZ MORTGAGES PTY LTD	Australia
3791037	NZ MORTGAGES PTY LTD (Branch Office)	New Zealand
	OAK RIDGE SOLAR PROJECT, LLC	United States
278363	Odyssey Water GP Limited	Cayman Islands
305533	Odyssey Water GP Partners Ltd	Cayman Islands
27-4650575	OLF, LLC	United States
B88269352	Olivo New Energy S.L.	Spain
26-33383464	One Call Debt Help LLC	United States
131 233 719	OPEN BROADBAND AUSTRALIA PTY LTD	Australia
	OpenFiber Kentucky Company, LLC	United States
	ORANGEBURG COUNTY SOLAR PROJECT, LLC	United States
	ORANGEBURG SOUTH SOLAR PROJECT, LLC	United States
	ORANGEBURG WEST SOLAR PROJECT, LLC	United States
113519823	OT HOLDINGS PTY LIMITED	Australia
071982244	PACIFIC RIM OPERATIONS PTY LIMITED	Australia
26-1286651	PADUA MG HOLDINGS LLC	United States
	Painted Rock Solar Project II, LLC	United States
	PAINTED ROCK SOLAR PROJECT, LLC	United States
B-8828411	Paseta Servicios Empresariales, S.L.	Spain
628 898 153	PATHWAY INVESTMENTS AUSTRALIA PTY LIMITED	Australia
	PAYNE COUNTY SOLAR PROJECT, LLC	United States
66 531 917 920	PELICAN WAREHOUSE TRUST NO.1	Australia
10662364	Pentland SPV 1 Limited	United Kingdom
10662552	Pentland SPV 2 Limited	United Kingdom
	Permian Water Supply Company LLC	United States
752614982	Petro Tradelinks Inc.	United States
	PICKAWAY COUNTY II SOLAR PROJECT, LLC	United States
	PICKAWAY COUNTY SOLAR PROJECT, LLC	United States
	PICKFORD RANCH SOLAR PROJECT, LLC	United States
	PINE FLATS SOLAR PROJECT, LLC	United States
	Pipeline Rehabilitation No.4 Trust	Australia
12023482	Poland Wind HoldCo Limited	United Kingdom
	PORT JEFFERSON ENERGY STORAGE, LLC	United States
529690	Poseidon InvestCo GP Ireland Limited	Ireland
11789931	PPP Irish Accommodation Limited	United Kingdom
603672975	PROPERTYIQ PTY LIMITED	Australia
606 466 675	PROPERTYIQ STRATA PTY LIMITED	Australia
09.03.1.05.73897	PT MACQUARIE COMMODITIES INDONESIA	Indonesia
09.03.1.67.21972	PT MACQUARIE SEKURITAS INDONESIA	Indonesia
not registered	PUMA GLOBAL TRUST NO.6	Australia
064904212	PUMA MANAGEMENT PTY LIMITED	Australia
	PUMA MASTERFUND P-16	Australia
	PUMA MASTERFUND P-17	Australia
	PUMA Masterfund S-10	Australia
	PUMA MASTERFUND S-11	Australia
	PUMA Masterfund S-12	Australia
	PUMA Masterfund S-13	Australia
	PUMA MASTERFUND S-8	Australia
	PUMA Masterfund S-9	Australia
	PUMA SERIES 2014-1	Australia
	PUMA Series 2014-2	Australia
	PUMA Series 2014-3P	Australia
Not registered	PUMA Series 2014-4P	Australia
	PUMA Series 2015-1	Australia
	PUMA Series 2015-2P	Australia
	PUMA SERIES 2015-3	Australia

	PUMA SERIES 2015-5P	Australia
	PUMA Series 2017-1	Australia
	PUMA Series 2018-1	Australia
	PUMA Series 2019-1	Australia
	PUMA Series R Trust	Australia
	PUMA Series Trust 2013-1	Australia
	PUMA SUBFUND B-1	Australia
	QUOGUE ENERGY STORAGE, LLC	United States
	RANDOLPH COUNTY SOLAR PROJECT, LLC	United States
	RAYOS DEL SOL II SOLAR PROJECT, LLC	United States
	RAYOS DEL SOL III SOLAR PROJECT, LLC	United States
	RAYOS DEL SOL SOLAR PROJECT, LLC	United States
	RC Holdings I LLC	United States
	RC Holdings II LLC	United States
635198453	REAL ESTATE FINCO 1 PTY LIMITED	Australia
26-4167476	Regal Capital Advisors, LLC	United States
26-4203808	Regal Capital Group, LLC	United States
not registered	REGIONAL MEDIA TRUST	Australia
150 449 684	RELOAD WIND FARM PTY LTD	Australia
	RELOAD WIND FARM TRUST	Australia
200921086K	RESOURCE MARINE PTE. LIMITED	Singapore
FC029978	Resource Marine Pte. Limited (UK Establishment)	United Kingdom
23-2828161	Retirement Financial Services, Inc.	United States
114 594 080	REVERSE MORTGAGE SERVICES PTY LTD	Australia
	RICHLAND COUNTY SOLAR PROJECT, LLC	United States
630706	Rijn InvestCo PPP Ireland GP Limited	Ireland
126957	Rivera Energy, S.A.P.I. de C.V.	Mexico
MC-25427	ROC Asia Pacific Private Equity Offshore Fund, L.P.	Cayman Islands
10379378	Ropemaker RB Holdings Limited	United Kingdom
B88269329	Sabina Solar PV S.L.	Spain
	SAGUACHE COUNTY SOLAR PROJECT, LLC	United States
B88300579	Sauce New Energy, S.L.	Spain
	Savion, LLC	United States
622786	Scheldt Investco PPP Ireland GP Limited	Ireland
	SCIOTO FARMS SOLAR PROJECT, LLC	United States
	SE Health LLC	United States
	SE Health Member LLC	United States
	SE Health Trust	United States
201420398Z	SELENE INVESTMENTS SINGAPORE PTE. LTD.	Singapore
	SETAUKET ENERGY STORAGE, LLC	United States
622787	Shannon Investco PPP Ireland GP Limited	Ireland
	Shavuah Tov Realty LP	United States
	SHERBURNE COUNTY SOLAR PROJECT, LLC	United States
	SHERIDAN SOLAR PROJECT, LLC	United States
464139	Shichi Limited (in voluntary liquidation)	Ireland
0107-01-017912	SHOWA PLANNING K.K.	Japan
	Sierra-KBMP, LLC	United States
627 172 445	SKYLIGHT DEV CO PTY LIMITED	Australia
627 172 490	SKYLIGHT MID CO PTY LIMITED	Australia
	SKYLIGHT MID TRUST	Australia
627172543	SKYLIGHT PROJECT CO PTY LIMITED	Australia
	SKYLIGHT PROJECT TRUST	Australia
	SKYLIGHT RETAIL NORTH SUB TRUST	Australia
	SKYLIGHT RETAIL SOUTH SUB TRUST	Australia
627172589	SKYLIGHT RN PTY LIMITED	Australia
627 172 614	SKYLIGHT RN SPV PTY LIMITED	Australia
627172641	SKYLIGHT RS PTY LIMITED	Australia
627 172 721	SKYLIGHT RS SPV PTY LIMITED	Australia
	SKYLIGHT SOUTH TOWER SUB TRUST	Australia
627 172 776	SKYLIGHT ST PTY LIMITED	Australia
627 172 829	SKYLIGHT ST SPV PTY LIMITED	Australia
	SMART ABS Series 2015-3US Trust	Australia
	SMART ABS SERIES 2015-4E TRUST	Australia
	SMART ABS Series 2016-1 Trust	Australia
	SMART ABS Series 2016-2US Trust	Australia
	SMART ABS SERIES 2016-3 TRUST	Australia
	SMART ABS Series 2017-1 Trust	Australia
	SMART ABS Series 2017-2 Trust	Australia
	SMART ABS SERIES 2019-1 Trust	Australia
	SMART E Trust	Australia
	SMART O Warehouse Trust	Australia
	SMART S Warehouse Trust	Australia
	SMART Series R Trust	Australia
0100-03-023658	SOLAR FIELD 10 G.K.	Japan
B90336116	Solar-PV EXT 001 Sociedad Limitada	Spain
11788560	Sole Renewables Italy Limited	United Kingdom

11729534	Sole Renewables Limited	United Kingdom
12068057	Sonne (Italy) Holdings Limited	United Kingdom
11218550	Sonne Solar Limited	United Kingdom
80-0852389	South Carolina Sandy Tyger Investments, LLC	United States
	South Suffolk Energy Storage, LLC	United States
	SOUTHERN PLAINS SOLAR PROJECT, LLC	United States
	SOUTHWEST MICHIGAN SOLAR PROJECT, LLC	United States
	Specialty Finance Holdings, Inc.	United States
10707700968	SR Augusta S.R.L.	Italy
10707690961	SR Bari S.R.L.	Italy
10707680962	SR Project 1 S.R.L.	Italy
10707670963	SR Project 2 S.R.L.	Italy
10707660964	SR Project 3 S.R.L.	Italy
10706940961	SR Project 4 S.R.L.	Italy
10706920963	SR Project 5 S.R.L.	Italy
10706730966	SR San Giuseppe S.R.L.	Italy
10706720967	SR Taranto S.R.L.	Italy
10706710968	SR Torino S.R.L.	Italy
10706700969	SR Trapani S.R.L.	Italy
	ST. CLAIR COUNTY SOLAR PROJECT, LLC	United States
10750040965	Stezzano 1 S.r.l.	Italy
34298324	Stichting Security Trustee E-MAC DE 2009-I	Netherlands
	SUFFOLK COUNTY ENERGY STORAGE II, LLC	United States
	SUFFOLK COUNTY ENERGY STORAGE, LLC	United States
	Summer Housing SDA Trust	Australia
	Summerset Holdings LLC	United States
	Summerset Intermediate Holdings 2 LLC	United States
	SUNFLOWER SKY SOLAR PROJECT, LLC	United States
MC189033	SYNTHETIC ASSET FUNDING ENTITY 2 LIMITED	Cayman Islands
	TA Trust	Australia
26-1233254	TAURUS AEROSPACE GROUP INC.	United States
20-5474013	Tax Ease CA, LLC	United States
37-1750174	Tax Ease Company LLC	United States
20-2937172	Tax Ease Employee Services Company LLC	United States
75-3130882	Tax Ease Financial Services, LP	United States
41-2228674	Tax Ease FL REO, LLC	United States
75-3130887	Tax Ease Funding GP LLC	United States
90-0909796	Tax Ease Funding Two, LLC	United States
75-3130885	Tax Ease Funding, LLC	United States
20-2937047	Tax Ease Holdings LLC	United States
20-2937080	Tax Ease Lien Investments 1, LLC	United States
26-4377481	Tax Ease Lien Servicing, LLC	United States
46-5586117	Tax Ease NV LLC	United States
20-2937103	Tax Ease Ohio, LLC	United States
42-1664041	Tax Ease PA, LLC	United States
	Tax Ease REO I, LLC	United States
	Tax Ease REO II, LLC	United States
113508160	TELBANE 2 PTY LIMITED	Australia
070142951	TELBANE PTY LTD	Australia
12035922	Tenacity Capital Limited	United Kingdom
B-88284153	Tencata Servicios Empresariales, S.L.	Spain
OC315196	The Bluebell Transportation LLP	United Kingdom
	THE BOOTHEEL SOLAR PROJECT, LLC	United States
	The Dovel Group, LLC	United States
OC315171	The Goonzaran LLP	United Kingdom
IT1935/08	THE MACQUARIE TOPI40 INVESTMENT TRUST	South Africa
IT1872/2007	THE MF TRUST	South Africa
	THE PANHANDLE II SOLAR PROJECT, LLC	United States
	THE PANHANDLE III SOLAR PROJECT, LLC	United States
	THE PANHANDLE SOLAR PROJECT, LLC	United States
	Thornwood Mortgage Opportunity Fund, L.P.	United States
B-88282181	Ticopa Servicios Empresariales, S.L.	Spain
80-0939458	TN - PTH, LLC	United States
	TRAMS ABS Series 2015-1	Australia
02764070906	Trisol 81 S.r.l.	Italy
	TRI-STATE II SOLAR PROJECT, LLC	United States
	TRI-STATE SOLAR PROJECT, LLC	United States
2012853459	Tristone Capital Global Inc.	Canada
208568022	Tristone Capital Inc.	Canada
1782120	Tristone Capital SA (Argentine Branch)	Argentina
2012712838	Tristone Capital SA Ltd	Canada
	TWE CHESAPEAKE SOLAR PROJECT, LLC	United States
	TWE DILLON SOLAR PROJECT, LLC	United States
	TWE HERMAN SOLAR PROJECT, LLC	United States
	TWE KELLER SOLAR PROJECT, LLC	United States
	TWE KIDMAN SOLAR PROJECT, LLC	United States

	TWE LONGNECKER SOLAR PROJECT, LLC	United States
	TWE MYRTLE SOLAR PROJECT, LLC	United States
	TWE STAMP BAINBRIDGE SOLAR PROJECT, LLC	United States
	TWE STAMP HILLTOP SOLAR PROJECT, LLC	United States
	TWE SUTHERLAND SOLAR PROJECT, LLC	United States
986 736 565	Tysvaer Vindpark AS	Norway
09243327	UK Green Community Lending Limited	United Kingdom
SC424067	UK Green Investment Bank Limited	United Kingdom
09568027	UK Green Investment Climate International Limited	United Kingdom
09648750	UK NPD Investments GP Limited	United Kingdom
10636785	UK Platform GP Limited	United Kingdom
10637715	UK Platform Partner Limited	United Kingdom
09316859	UK PPP Investments GP Limited	United Kingdom
566-88-00866	ULSAN FLOATING OFFSHORE WIND POWER CO., LTD.	Korea, Republic of
085359833	UPL (SA) PTY LIMITED (IN LIQUIDATION)	Australia
081119495	URBAN PACIFIC PTY LIMITED	Australia
000032134118	Urja Seventh B.V.	Netherlands
03705740	Utility Metering Services Limited	United Kingdom
	WALWORTH COUNTY SOLAR PROJECT, LLC	United States
B225029	WAW CED Sarl	Luxembourg
	WEST DEMING SOLAR PROJECT, LLC	United States
	WEST YAPANK ENERGY STORAGE, LLC	United States
	WESTMORELAND COUNTY SOLAR PROJECT, LLC	United States
	WILDWOOD ENERGY STORAGE, LLC	United States
	Willow Depositor LLC	United States
20-2937224	Winslow Lien Investments, LLC	United States
054813080	WOODROSS NOMINEES PTY. LIMITED	Australia
	WOODSTOCK SOLAR PROJECT, LLC	United States
	WYTHE COUNTY SOLAR PROJECT, LLC	United States
0100-03-024202	YAMATO CHO SOYO FURYOKU HATSUDEN G.K.	Japan
127338783	YENDON WINDFARM PTY LTD	Australia
1449995	Yorkton Capital Partners II Inc.	Canada
1430727	Yorkton Capital Partners Inc.	Canada
	Zhonghe Fengtai Equity Investment (Tianjin) Partnership	China

ANNEXURE 'B'

This is the annexure marked 'B' of 9 page(s) referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
6 September 2019

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
4-Sep-19	MCAL	Macquarie Capital (Australia) Limited ("MCAL") entered into a Block Trade Agreement on 4 September 2019 with the entity named in that agreement (See Annexure C). Pursuant to section 608 of the Corporations Act and the terms of the Block Trade Agreement, MCAL acquired a relevant interest in shares of Ausdrill Ltd.		18,355,408	FPO	18,355,408
4-Sep-19	MBL	Macquarie Bank Limited ("MBL") entered into a Sale and Purchase Facility Master Agreement on 4 September 2019 with the entity listed in that agreement (See Annexure D). Pursuant to section 608 of the Corporations Act and the terms of the Sale and Purchase Agreement, MBL acquired a relevant interest in shares of Ausdrill Ltd.		7,489,225	FPO	7,489,225
4-Sep-19	MBL	Collateral Receive Return	AUD 2.08	-748,000	FPO	748,000
4-Sep-19	MBL	Borrow Delivery	AUD 2.184	4,000,000	FPO	4,000,000
4-Sep-19	MBL	Off Market Sale	AUD \$2.10	-251	FPO	251
4-Sep-19	MBL	Off Market Purchase	AUD \$2.10	251	FPO	251
4-Sep-19	MBL	On Market Sale	AUD \$2.10	-2,873	FPO	2,873
4-Sep-19	MBL	On Market Sale	AUD \$2.06	-11,792	FPO	11,792
3-Sep-19	MBL	On Market Sale	AUD \$2.10	-5,475	FPO	5,475
3-Sep-19	MBL	Off Market Purchase	AUD \$2.07	54	FPO	54
3-Sep-19	MBL	On Market Sale	AUD \$2.08	-15,073	FPO	15,073
3-Sep-19	MBL	Off Market Sale	AUD \$2.07	-54	FPO	54
2-Sep-19	MBL	Collateral Receive	AUD 1.995	3,000,000	FPO	3,000,000
2-Sep-19	MBL	On Market Sale	AUD \$2.03	-5,606	FPO	5,606
2-Sep-19	MBL	On Market Sale	AUD \$2.07	-2,974	FPO	2,974
30-Aug-19	MBL	Off Market Purchase	AUD \$2.00	120	FPO	120
30-Aug-19	MBL	On Market Sale	AUD \$2.00	-18,809	FPO	18,809
30-Aug-19	MBL	Off Market Sale	AUD \$2.00	-120	FPO	120
29-Aug-19	MBL	On Market Sale	AUD \$1.88	-3,473	FPO	3,473
29-Aug-19	MBL	On Market Sale	AUD \$2.01	-15,690	FPO	15,690
29-Aug-19	MBL	Off Market Purchase	AUD \$1.88	44	FPO	44
29-Aug-19	MBL	Off Market Sale	AUD \$1.88	-44	FPO	44
28-Aug-19	MBL	Off Market Purchase	AUD \$1.74	145	FPO	145
28-Aug-19	MBL	Off Market Sale	AUD \$1.74	-145	FPO	145
27-Aug-19	MIML	Transfer in - client account	AUD 0.00	1,795	FPO	1,795
27-Aug-19	MBL	On Market Sale	AUD \$1.72	-5,229	FPO	5,229
27-Aug-19	MBL	Off Market Sale	AUD \$1.72	-184	FPO	184
27-Aug-19	MBL	On Market Sale	AUD \$1.69	-7,671	FPO	7,671
27-Aug-19	MBL	Off Market Purchase	AUD \$1.72	184	FPO	184
26-Aug-19	MBL	Borrow Delivery	AUD1.82175	1,550,000	FPO	1,550,000
26-Aug-19	MBL	Borrow Return	AUD1.82175	-1,550,000	FPO	1,550,000
26-Aug-19	MBL	On Market Purchase	AUD \$1.69	13,576	FPO	13,576
23-Aug-19	MIMAL	On market sale	AUD 1.74	-5,594	FPO	5,594
23-Aug-19	MBL	On Market Purchase	AUD \$1.75	1,255	FPO	1,255
23-Aug-19	MBL	On Market Sale	AUD \$1.74	-1,318	FPO	1,318

22-Aug-19	MBL	Collateral Receive Return	AUD 1.725	-126,400	FPO	126,400
22-Aug-19	MBL	Off Market Sale	AUD \$1.75	-37,713	FPO	37,713
22-Aug-19	MBL	On Market Sale	AUD \$1.73	-1,004	FPO	1,004
22-Aug-19	MBL	Off Market Sale	AUD \$1.75	-69	FPO	69
22-Aug-19	MBL	Off Market Purchase	AUD \$1.75	69	FPO	69
22-Aug-19	MBL	On Market Sale	AUD \$1.75	-28,694	FPO	28,694
22-Aug-19	MBL	Off Market Purchase	AUD \$1.75	37,713	FPO	37,713
21-Aug-19	MBL	Collateral Receive Return	AUD 1.785	-62,600	FPO	62,600
21-Aug-19	MBL	Off Market Purchase	AUD \$1.73	131	FPO	131
21-Aug-19	MBL	On Market Purchase	AUD \$1.73	18,017	FPO	18,017
21-Aug-19	MBL	On Market Sale	AUD \$1.79	-502	FPO	502
21-Aug-19	MBL	Off Market Sale	AUD \$1.73	-131	FPO	131
20-Aug-19	MBL	Collateral Receive Return	AUD 1.79	-160,100	FPO	160,100
20-Aug-19	MBL	Collateral Receive Return	AUD 1.79	-50,900	FPO	50,900
20-Aug-19	MBL	On Market Purchase	AUD \$1.79	15,712	FPO	15,712
20-Aug-19	MBL	On Market Sale	AUD \$1.80	-1,255	FPO	1,255
20-Aug-19	MBL	On Market Sale	AUD \$1.79	-137	FPO	137
19-Aug-19	MBL	On Market Purchase	AUD \$1.79	7,040	FPO	7,040
19-Aug-19	MBL	On Market Purchase	AUD \$1.78	1,506	FPO	1,506
16-Aug-19	MBL	Borrow Return	AUD1.9635	-1,100,000	FPO	1,100,000
16-Aug-19	MBL	Off Market Sale	AUD \$1.77	-31,758	FPO	31,758
16-Aug-19	MBL	On Market Sale	AUD \$1.77	-7,160	FPO	7,160
16-Aug-19	MBL	On Market Sale	AUD \$1.77	-4,812	FPO	4,812
16-Aug-19	MBL	Off Market Purchase	AUD \$1.77	28	FPO	28
16-Aug-19	MBL	On Market Sale	AUD \$1.76	-2,875	FPO	2,875
16-Aug-19	MBL	Off Market Sale	AUD \$1.77	-28	FPO	28
16-Aug-19	MBL	On Market Sale	AUD \$1.78	-10	FPO	10
16-Aug-19	MBL	Off Market Purchase	AUD \$1.77	31,758	FPO	31,758
15-Aug-19	MBL	On Market Purchase	AUD \$1.91	10,048	FPO	10,048
15-Aug-19	MBL	Off Market Purchase	AUD \$1.80	40,103	FPO	40,103
15-Aug-19	MBL	Off Market Purchase	AUD \$1.80	40,103	FPO	40,103
15-Aug-19	MBL	Off Market Purchase	AUD \$1.80	37	FPO	37
15-Aug-19	MBL	Off Market Sale	AUD \$1.80	-40,103	FPO	40,103
15-Aug-19	MBL	Off Market Sale	AUD \$1.80	-37	FPO	37
15-Aug-19	MBL	Off Market Sale	AUD \$1.80	-40,103	FPO	40,103
15-Aug-19	MBL	Off Market Purchase	AUD \$1.80	40,103	FPO	40,103
15-Aug-19	MBL	On Market Sale	AUD \$1.80	-35,153	FPO	35,153
15-Aug-19	MBL	Off Market Sale	AUD \$1.80	-40,103	FPO	40,103
14-Aug-19	MBL	On Market Sale	AUD \$1.87	-9,104	FPO	9,104
14-Aug-19	MBL	Off Market Sale	AUD \$1.87	-270	FPO	270
14-Aug-19	MBL	Off Market Purchase	AUD \$1.87	270	FPO	270
14-Aug-19	MBL	On Market Sale	AUD \$1.88	-3,222	FPO	3,222
13-Aug-19	MBL	Collateral Receive	AUD 1.84	400,000	FPO	400,000
13-Aug-19	MBL	Borrow Return	AUD2.0088	-216,703	FPO	216,703
13-Aug-19	MBL	On Market Purchase	AUD \$1.84	2,771	FPO	2,771
13-Aug-19	MBL	On Market Sale	AUD \$1.84	-5,852	FPO	5,852
13-Aug-19	MBL	On Market Sale	AUD \$1.87	-2	FPO	2
12-Aug-19	MBL	Borrow Delivery	AUD1.998	216,703	FPO	216,703
12-Aug-19	MBL	On Market Sale	AUD \$1.84	-3,763	FPO	3,763
12-Aug-19	MBL	On Market Sale	AUD \$1.83	-124	FPO	124
12-Aug-19	MBL	On Market Purchase	AUD \$1.84	9,023	FPO	9,023
09-Aug-19	MBL	Off Market Sale	AUD \$1.58	-50	FPO	50
09-Aug-19	MBL	Off Market Sale	AUD \$1.86	-54	FPO	54
09-Aug-19	MBL	Off Market Purchase	AUD \$1.58	50	FPO	50
09-Aug-19	MBL	On Market Sale	AUD \$1.83	-3,396	FPO	3,396
09-Aug-19	MBL	On Market Sale	AUD \$1.85	-1,999	FPO	1,999
09-Aug-19	MBL	Off Market Purchase	AUD \$1.86	30,555	FPO	30,555
09-Aug-19	MBL	Off Market Sale	AUD \$1.86	-30,555	FPO	30,555
09-Aug-19	MBL	On Market Sale	AUD \$1.86	-30,045	FPO	30,045
09-Aug-19	MBL	Off Market Sale	AUD \$1.58	-50	FPO	50
09-Aug-19	MBL	Off Market Purchase	AUD \$1.86	54	FPO	54
09-Aug-19	MBL	Off Market Purchase	AUD \$1.58	50	FPO	50
09-Aug-19	MBL	On Market Sale	AUD \$1.83	-149	FPO	149
09-Aug-19	MBL	On Market Sale	AUD \$1.83	-4,042	FPO	4,042
08-Aug-19	MBL	Off Market Sale	AUD \$1.84	-3	FPO	3
08-Aug-19	MBL	On Market Sale	AUD \$1.83	-1,566	FPO	1,566
08-Aug-19	MBL	On Market Sale	AUD \$1.83	-494	FPO	494
08-Aug-19	MBL	On Market Purchase	AUD \$1.84	5,018	FPO	5,018

08-Aug-19	MBL	Off Market Purchase	AUD \$1.84	3	FPO	3
08-Aug-19	MBL	On Market Sale	AUD \$1.83	-3,696	FPO	3,696
08-Aug-19	MBL	On Market Purchase	AUD \$1.84	13,976	FPO	13,976
07-Aug-19	MBL	Borrow Return	AUD1.944	-215,000	FPO	215,000
07-Aug-19	MBL	On Market Sale	AUD \$1.80	-9,031	FPO	9,031
07-Aug-19	MBL	On Market Sale	AUD \$1.82	-3,853	FPO	3,853
06-Aug-19	MBL	On Market Sale	AUD \$1.80	-1,768	FPO	1,768
06-Aug-19	MBL	Off Market Sale	AUD \$1.80	-99	FPO	99
06-Aug-19	MBL	Off Market Purchase	AUD \$1.80	99	FPO	99
05-Aug-19	MIML	On market sale	AUD 1.81	-4,109	FPO	4,109
05-Aug-19	MBL	On Market Purchase	AUD \$1.87	4,509	FPO	4,509
05-Aug-19	MBL	Off Market Sale	AUD \$1.80	-79	FPO	79
05-Aug-19	MBL	Off Market Purchase	AUD \$1.80	79	FPO	79
05-Aug-19	MBL	On Market Purchase	AUD \$1.80	1,315	FPO	1,315
05-Aug-19	MBL	On Market Sale	AUD \$1.90	-43,684	FPO	43,684
02-Aug-19	MBL	On Market Purchase	AUD \$1.92	1,000	FPO	1,000
02-Aug-19	MBL	On Market Purchase	AUD \$1.90	15,564	FPO	15,564
02-Aug-19	MBL	On Market Purchase	AUD \$1.92	6,378	FPO	6,378
01-Aug-19	MBL	Borrow Delivery	AUD2.1546	215,000	FPO	215,000
01-Aug-19	MBL	Borrow Return	AUD2.07375	-1,550,000	FPO	1,550,000
01-Aug-19	MBL	On Market Purchase	AUD \$1.95	9,603	FPO	9,603
01-Aug-19	MBL	On Market Purchase	AUD \$1.94	300	FPO	300
01-Aug-19	MBL	Off Market Purchase	AUD \$1.95	2	FPO	2
01-Aug-19	MBL	Off Market Sale	AUD \$1.95	-2	FPO	2
01-Aug-19	MBL	On Market Purchase	AUD \$1.98	13,675	FPO	13,675
31-Jul-19	MBL	On Market Sale	AUD \$2.00	-326	FPO	326
31-Jul-19	MBL	On Market Purchase	AUD \$1.98	150	FPO	150
31-Jul-19	MBL	On Market Sale	AUD \$1.98	-1,503	FPO	1,503
31-Jul-19	MBL	On Market Purchase	AUD \$1.98	6,766	FPO	6,766
31-Jul-19	MBL	On Market Purchase	AUD \$2.00	3,239	FPO	3,239
31-Jul-19	MBL	On Market Purchase	AUD \$2.02	1,809	FPO	1,809
30-Jul-19	MBL	On Market Sale	AUD \$1.98	-1,606	FPO	1,606
30-Jul-19	MBL	On Market Purchase	AUD \$2.01	12,525	FPO	12,525
29-Jul-19	MBL	On Market Purchase	AUD \$1.98	5,156	FPO	5,156
29-Jul-19	MBL	On Market Purchase	AUD \$2.00	5,409	FPO	5,409
29-Jul-19	MBL	On Market Purchase	AUD \$2.00	1,715	FPO	1,715
29-Jul-19	MBL	On Market Sale	AUD \$1.98	-500	FPO	500
26-Jul-19	MBL	Borrow Return	AUD2.08425	-2,250,000	FPO	2,250,000
26-Jul-19	MBL	On Market Purchase	AUD \$2.00	2,180	FPO	2,180
26-Jul-19	MBL	On Market Purchase	AUD \$1.99	236	FPO	236
26-Jul-19	MBL	On Market Purchase	AUD \$1.99	2,281	FPO	2,281
26-Jul-19	MBL	On Market Purchase	AUD \$1.97	5,413	FPO	5,413
26-Jul-19	MBL	On Market Sale	AUD \$1.99	-5,899	FPO	5,899
25-Jul-19	MIMGL	On market purchase	AUD 2	58,151	FPO	58,151
25-Jul-19	MBL	On Market Purchase	AUD \$2.00	1,796	FPO	1,796
25-Jul-19	MBL	On Market Sale	AUD \$2.00	-5,937	FPO	5,937
25-Jul-19	MBL	On Market Purchase	AUD \$2.03	1,328	FPO	1,328
25-Jul-19	MBL	On Market Purchase	AUD \$1.99	295	FPO	295
25-Jul-19	MBL	On Market Purchase	AUD \$2.00	2,011	FPO	2,011
25-Jul-19	MBL	On Market Purchase	AUD \$2.02	4,469	FPO	4,469
25-Jul-19	MBL	On Market Purchase	AUD \$2.02	2,674	FPO	2,674
24-Jul-19	MIMAL	On market sale	AUD 1.98	-4,834	FPO	4,834
24-Jul-19	MIMGL	On market purchase	AUD 1.99	22,368	FPO	22,368
24-Jul-19	MIMGL	On market purchase	AUD 1.99	35,756	FPO	35,756
24-Jul-19	MBL	On Market Purchase	AUD \$2.00	2,614	FPO	2,614
24-Jul-19	MBL	On Market Sale	AUD \$1.97	-15,030	FPO	15,030
24-Jul-19	MBL	On Market Purchase	AUD \$1.98	8,517	FPO	8,517
24-Jul-19	MBL	On Market Purchase	AUD \$2.00	1,809	FPO	1,809
24-Jul-19	MBL	On Market Purchase	AUD \$1.99	6,505	FPO	6,505
24-Jul-19	MBL	On Market Purchase	AUD \$2.00	2,475	FPO	2,475
24-Jul-19	MBL	On Market Purchase	AUD \$1.97	11,022	FPO	11,022
23-Jul-19	MBL	On Market Purchase	AUD \$1.97	3,880	FPO	3,880
23-Jul-19	MBL	On Market Purchase	AUD \$1.97	18,571	FPO	18,571
23-Jul-19	MBL	On Market Sale	AUD \$1.97	-5	FPO	5
23-Jul-19	MBL	On Market Purchase	AUD \$1.97	1,811	FPO	1,811
23-Jul-19	MBL	On Market Purchase	AUD \$1.97	235	FPO	235
23-Jul-19	MBL	On Market Purchase	AUD \$2.00	4,395	FPO	4,395
22-Jul-19	MIML	On market purchase	AUD 1.99	504	FPO	504

22-Jul-19	MBL	On Market Purchase	AUD \$1.98	1,799	FPO	1,799
22-Jul-19	MBL	On Market Purchase	AUD \$1.97	1,807	FPO	1,807
22-Jul-19	MBL	On Market Purchase	AUD \$1.97	1,754	FPO	1,754
22-Jul-19	MBL	On Market Sale	AUD \$1.97	-15,030	FPO	15,030
22-Jul-19	MBL	On Market Purchase	AUD \$2.00	5,509	FPO	5,509
22-Jul-19	MBL	On Market Purchase	AUD \$1.97	15,030	FPO	15,030
22-Jul-19	MBL	On Market Purchase	AUD \$1.97	2,407	FPO	2,407
19-Jul-19	MIMAL	On market purchase	AUD 1.96	27,873	FPO	27,873
19-Jul-19	MBL	On Market Sale	AUD \$1.98	-675	FPO	675
19-Jul-19	MBL	On Market Sale	AUD \$1.97	-7,494	FPO	7,494
19-Jul-19	MBL	On Market Sale	AUD \$1.98	-1,729	FPO	1,729
18-Jul-19	MBL	Borrow Delivery	AUD1.974	1,000,000	FPO	1,000,000
18-Jul-19	MBL	On Market Sale	AUD \$1.99	-17,576	FPO	17,576
18-Jul-19	MBL	On Market Sale	AUD \$1.96	-171	FPO	171
18-Jul-19	MBL	On Market Purchase	AUD \$1.94	13,026	FPO	13,026
18-Jul-19	MBL	On Market Sale	AUD \$1.93	-1,358	FPO	1,358
17-Jul-19	MBL	On Market Sale	AUD \$1.86	-4,008	FPO	4,008
17-Jul-19	MBL	On Market Purchase	AUD \$1.93	1,689	FPO	1,689
16-Jul-19	MBL	Off Market Sale	AUD \$1.88	-32	FPO	32
16-Jul-19	MBL	Off Market Purchase	AUD \$1.88	32	FPO	32
16-Jul-19	MBL	On Market Sale	AUD \$1.88	-1,437	FPO	1,437
16-Jul-19	MBL	On Market Sale	AUD \$1.87	-3,805	FPO	3,805
15-Jul-19	MIMAL	On market sale	AUD 1.88	-18,422	FPO	18,422
15-Jul-19	MBL	On Market Sale	AUD \$1.88	-3,507	FPO	3,507
15-Jul-19	MBL	On Market Purchase	AUD \$1.88	8,418	FPO	8,418
12-Jul-19	MIMAL	On market sale	AUD 1.88	-5,995	FPO	5,995
12-Jul-19	MBL	On Market Sale	AUD \$1.89	-6,496	FPO	6,496
12-Jul-19	MBL	On Market Sale	AUD \$1.86	-1,900	FPO	1,900
11-Jul-19	MBL	Borrow Return	AUD1.90575	-1,740,000	FPO	1,740,000
11-Jul-19	MIML	On market sale	AUD 1.88	-5,848	FPO	5,848
11-Jul-19	MBL	On Market Purchase	AUD \$1.88	278	FPO	278
11-Jul-19	MBL	On Market Purchase	AUD \$1.88	827	FPO	827
11-Jul-19	MBL	On Market Purchase	AUD \$1.89	414	FPO	414
11-Jul-19	MBL	On Market Purchase	AUD \$1.88	9,147	FPO	9,147
11-Jul-19	MBL	On Market Purchase	AUD \$1.87	5,147	FPO	5,147
11-Jul-19	MBL	On Market Purchase	AUD \$1.89	3,138	FPO	3,138
11-Jul-19	MBL	On Market Purchase	AUD \$1.89	3,179	FPO	3,179
11-Jul-19	MBL	On Market Purchase	AUD \$1.84	1,276	FPO	1,276
11-Jul-19	MBL	On Market Purchase	AUD \$1.84	12,526	FPO	12,526
11-Jul-19	MBL	On Market Purchase	AUD \$1.89	3,375	FPO	3,375
11-Jul-19	MBL	On Market Purchase	AUD \$1.89	2,196	FPO	2,196
10-Jul-19	MBL	On Market Sale	AUD \$1.84	-3,265	FPO	3,265
09-Jul-19	MBL	On Market Sale	AUD \$1.82	-21,104	FPO	21,104
09-Jul-19	MBL	On Market Sale	AUD \$1.85	-1,256	FPO	1,256
08-Jul-19	MBL	On Market Purchase	AUD \$1.84	22,994	FPO	22,994
05-Jul-19	MBL	On Market Sale	AUD \$1.86	-20,075	FPO	20,075
05-Jul-19	MBL	On Market Purchase	AUD \$1.85	6,281	FPO	6,281
04-Jul-19	MBL	On Market Sale	AUD \$1.89	-4,732	FPO	4,732
04-Jul-19	MBL	On Market Purchase	AUD \$1.84	5,617	FPO	5,617
04-Jul-19	MBL	On Market Sale	AUD \$1.89	-137	FPO	137
03-Jul-19	MBL	On Market Sale	AUD \$1.87	-6,034	FPO	6,034
03-Jul-19	MBL	On Market Purchase	AUD \$1.86	32	FPO	32
02-Jul-19	MBL	On Market Purchase	AUD \$1.86	2,260	FPO	2,260
02-Jul-19	MBL	On Market Purchase	AUD \$1.84	10,024	FPO	10,024
02-Jul-19	MBL	On Market Purchase	AUD \$1.84	1,257	FPO	1,257
01-Jul-19	MBL	On Market Purchase	AUD \$1.85	3,771	FPO	3,771
01-Jul-19	MBL	On Market Sale	AUD \$1.85	-993	FPO	993
01-Jul-19	MBL	On Market Purchase	AUD \$1.84	117	FPO	117
28-Jun-19	MIML	On market purchase	AUD 1.87	5,027	FPO	5,027
28-Jun-19	MIML	On market purchase	AUD 1.87	2,713	FPO	2,713
28-Jun-19	MIML	On market purchase	AUD 1.87	3,032	FPO	3,032
28-Jun-19	MIML	On market purchase	AUD 1.87	5,266	FPO	5,266
28-Jun-19	MIML	On market purchase	AUD 1.87	3,112	FPO	3,112
28-Jun-19	MIML	On market purchase	AUD 1.87	4,548	FPO	4,548
28-Jun-19	MIML	On market purchase	AUD 1.87	5,106	FPO	5,106
28-Jun-19	MIML	On market purchase	AUD 1.87	6,463	FPO	6,463
28-Jun-19	MIML	On market purchase	AUD 1.87	1,875	FPO	1,875
28-Jun-19	MIML	On market purchase	AUD 1.88	3,271	FPO	3,271

28-Jun-19	MIML	On market purchase	AUD 1.88	6,064	FPO	6,064
28-Jun-19	MIML	On market purchase	AUD 1.87	3,231	FPO	3,231
28-Jun-19	MIML	On market purchase	AUD 1.87	1,636	FPO	1,636
28-Jun-19	MIML	On market purchase	AUD 1.88	2,234	FPO	2,234
28-Jun-19	MIML	On market purchase	AUD 1.88	5,066	FPO	5,066
28-Jun-19	MIML	On market purchase	AUD 1.88	2,832	FPO	2,832
28-Jun-19	MIML	On market purchase	AUD 1.87	2,434	FPO	2,434
28-Jun-19	MIML	On market purchase	AUD 1.87	1,715	FPO	1,715
28-Jun-19	MIML	On market purchase	AUD 1.87	1,436	FPO	1,436
28-Jun-19	MIML	On market purchase	AUD 1.88	3,191	FPO	3,191
28-Jun-19	MIML	On market purchase	AUD 1.87	4,069	FPO	4,069
28-Jun-19	MIML	On market purchase	AUD 1.87	1,995	FPO	1,995
28-Jun-19	MIML	On market purchase	AUD 1.88	8,537	FPO	8,537
28-Jun-19	MIML	On market purchase	AUD 1.87	4,255	FPO	4,255
28-Jun-19	MIML	On market purchase	AUD 1.88	3,271	FPO	3,271
28-Jun-19	MIML	On market purchase	AUD 1.87	2,832	FPO	2,832
28-Jun-19	MIML	On market purchase	AUD 1.87	5,705	FPO	5,705
28-Jun-19	MIML	On market purchase	AUD 1.87	2,394	FPO	2,394
28-Jun-19	MIML	On market purchase	AUD 1.87	2,633	FPO	2,633
28-Jun-19	MIML	On market purchase	AUD 1.87	2,394	FPO	2,394
28-Jun-19	MIML	On market purchase	AUD 1.87	6,981	FPO	6,981
28-Jun-19	MIML	On market purchase	AUD 1.87	5,266	FPO	5,266
28-Jun-19	MIML	On market purchase	AUD 1.88	3,910	FPO	3,910
28-Jun-19	MIML	On market purchase	AUD 1.87	3,750	FPO	3,750
28-Jun-19	MIML	On market purchase	AUD 1.87	1,037	FPO	1,037
28-Jun-19	MIML	On market purchase	AUD 1.87	1,915	FPO	1,915
28-Jun-19	MIML	On market purchase	AUD 1.87	3,630	FPO	3,630
28-Jun-19	MIML	On market purchase	AUD 1.87	6,024	FPO	6,024
28-Jun-19	MIML	On market purchase	AUD 1.87	5,186	FPO	5,186
28-Jun-19	MIML	On market purchase	AUD 1.87	1,396	FPO	1,396
28-Jun-19	MIML	On market purchase	AUD 1.87	1,715	FPO	1,715
28-Jun-19	MIML	On market purchase	AUD 1.87	1,237	FPO	1,237
28-Jun-19	MIML	On market purchase	AUD 1.88	1,077	FPO	1,077
28-Jun-19	MIML	On market purchase	AUD 1.87	5,146	FPO	5,146
28-Jun-19	MIML	On market purchase	AUD 1.88	3,910	FPO	3,910
28-Jun-19	MIML	On market purchase	AUD 1.88	1,396	FPO	1,396
28-Jun-19	MIML	On market purchase	AUD 1.87	3,032	FPO	3,032
28-Jun-19	MIML	On market purchase	AUD 1.87	2,513	FPO	2,513
28-Jun-19	MIML	On market purchase	AUD 1.88	1,955	FPO	1,955
28-Jun-19	MIML	On market purchase	AUD 1.88	4,787	FPO	4,787
28-Jun-19	MIML	On market purchase	AUD 1.87	3,630	FPO	3,630
28-Jun-19	MIML	On market purchase	AUD 1.87	13,763	FPO	13,763
28-Jun-19	MIML	On market purchase	AUD 1.87	3,630	FPO	3,630
28-Jun-19	MIML	On market purchase	AUD 1.88	3,271	FPO	3,271
28-Jun-19	MIML	On market purchase	AUD 1.88	2,154	FPO	2,154
28-Jun-19	MIML	On market purchase	AUD 1.87	5,665	FPO	5,665
28-Jun-19	MIML	On market purchase	AUD 1.87	4,109	FPO	4,109
28-Jun-19	MIML	On market purchase	AUD 1.87	1,277	FPO	1,277
28-Jun-19	MIML	On market purchase	AUD 1.87	7,181	FPO	7,181
28-Jun-19	MIML	On market purchase	AUD 1.87	1,396	FPO	1,396
28-Jun-19	MIML	On market purchase	AUD 1.88	1,596	FPO	1,596
28-Jun-19	MIML	On market purchase	AUD 1.87	3,032	FPO	3,032
28-Jun-19	MIML	On market purchase	AUD 1.88	2,274	FPO	2,274
28-Jun-19	MIML	On market purchase	AUD 1.87	5,864	FPO	5,864
28-Jun-19	MIML	On market purchase	AUD 1.88	2,434	FPO	2,434
28-Jun-19	MBL	On Market Sale	AUD \$1.87	-1,215	FPO	1,215
28-Jun-19	MBL	On Market Sale	AUD \$1.83	-1,157,400	FPO	1,157,400
28-Jun-19	MBL	On Market Purchase	AUD \$1.83	1,157,400	FPO	1,157,400
28-Jun-19	MBL	On Market Purchase	AUD \$1.83	4,434	FPO	4,434
27-Jun-19	MBL	Borrow Return	AUD1.9602	-216,703	FPO	216,703
27-Jun-19	MIMAL	On market purchase	AUD 1.88	1,941	FPO	1,941
27-Jun-19	MBL	Off Market Sale	AUD \$1.88	-11	FPO	11
27-Jun-19	MBL	Off Market Purchase	AUD \$1.88	11	FPO	11
27-Jun-19	MBL	On Market Sale	AUD \$1.83	-2,458	FPO	2,458
27-Jun-19	MBL	On Market Sale	AUD \$1.84	-1,924	FPO	1,924
27-Jun-19	MBL	On Market Purchase	AUD \$1.80	918	FPO	918
27-Jun-19	MBL	On Market Sale	AUD \$1.88	-6,998	FPO	6,998
26-Jun-19	MBL	Borrow Return	AUD1.827	-62,000	FPO	62,000

26-Jun-19	MBL	On Market Purchase	AUD \$1.81	15,530	FPO	15,530
26-Jun-19	MBL	On Market Sale	AUD \$1.82	-800	FPO	800
26-Jun-19	MBL	On Market Sale	AUD \$1.80	-2,006	FPO	2,006
26-Jun-19	MBL	On Market Purchase	AUD \$1.81	2,233	FPO	2,233
26-Jun-19	MBL	On Market Purchase	AUD \$1.80	746	FPO	746
25-Jun-19	MBL	Borrow Delivery	AUD1.827	62,000	FPO	62,000
25-Jun-19	MBL	Borrow Return	AUD1.6275	-290,000	FPO	290,000
25-Jun-19	MBL	Borrow Return	AUD1.6275	-28,000	FPO	28,000
25-Jun-19	MBL	Borrow Return	AUD1.6275	-171,000	FPO	171,000
25-Jun-19	MBL	Borrow Return	AUD1.6275	-8,000	FPO	8,000
25-Jun-19	MBL	Borrow Return	AUD1.6275	-192,222	FPO	192,222
25-Jun-19	MBL	Borrow Return	AUD1.6275	-371,687	FPO	371,687
25-Jun-19	MBL	Borrow Return	AUD1.6275	-1,211,091	FPO	1,211,091
25-Jun-19	MIML	On market purchase	AUD 1.78	5,375	FPO	5,375
25-Jun-19	MIML	On market purchase	AUD 1.76	7,707	FPO	7,707
25-Jun-19	MIML	On market purchase	AUD 1.79	4,225	FPO	4,225
25-Jun-19	MIML	On market purchase	AUD 1.82	10,744	FPO	10,744
25-Jun-19	MBL	On Market Purchase	AUD \$1.76	1,003	FPO	1,003
25-Jun-19	MBL	On Market Purchase	AUD \$1.82	5,138	FPO	5,138
24-Jun-19	MBL	Borrow Delivery	AUD1.7	2,309,000	FPO	2,309,000
24-Jun-19	MBL	Borrow Delivery	AUD1.6275	290,000	FPO	290,000
24-Jun-19	MIMGL	On market purchase	AUD 1.76	342,813	FPO	342,813
24-Jun-19	MIMAL	On market purchase	AUD 1.76	35,582	FPO	35,582
24-Jun-19	MIMGL	On market purchase	AUD 1.76	14,352	FPO	14,352
24-Jun-19	MBL	On Market Purchase	AUD \$1.60	1,755	FPO	1,755
24-Jun-19	MBL	On Market Purchase	AUD \$1.74	11,656	FPO	11,656
21-Jun-19	MBL	Collateral Receive Return	AUD 1.55	-52,000	FPO	52,000
21-Jun-19	MBL	Borrow Delivery	AUD1.674	216,703	FPO	216,703
21-Jun-19	MBL	Borrow Return	AUD1.617	-215,000	FPO	215,000
21-Jun-19	MIMGL	On market purchase	AUD 1.58	470,555	FPO	470,555
21-Jun-19	MIMAL	On market sale	AUD 1.58	-123	FPO	123
21-Jun-19	MIMAL	On market purchase	AUD 1.58	4,191	FPO	4,191
21-Jun-19	MIMGL	On market purchase	AUD 1.58	16,292	FPO	16,292
21-Jun-19	MIMGL	On market purchase	AUD 1.58	621	FPO	621
21-Jun-19	MBL	Off Market Purchase	AUD \$1.58	4	FPO	4
21-Jun-19	MBL	On Market Purchase	AUD \$1.58	1,159	FPO	1,159
21-Jun-19	MBL	On Market Sale	AUD \$1.58	-25,628	FPO	25,628
21-Jun-19	MBL	Off Market Sale	AUD \$1.58	-4	FPO	4
20-Jun-19	MBL	Collateral Receive Return	AUD 1.54	-30,000	FPO	30,000
20-Jun-19	MBL	Borrow Delivery	AUD1.617	28,000	FPO	28,000
20-Jun-19	MBL	Borrow Return	AUD1.575	-10,000	FPO	10,000
20-Jun-19	MIMAL	On market sale	AUD 1.55	-289	FPO	289
20-Jun-19	MBL	On Market Purchase	AUD \$1.55	2,340	FPO	2,340
20-Jun-19	MBL	On Market Purchase	AUD \$1.53	624	FPO	624
20-Jun-19	MBL	On Market Purchase	AUD \$1.55	50,305	FPO	50,305
20-Jun-19	MBL	On Market Purchase	AUD \$1.55	2,365	FPO	2,365
20-Jun-19	MBL	On Market Purchase	AUD \$1.55	13,257	FPO	13,257
19-Jun-19	MBL	Borrow Return	AUD1.6275	-90,000	FPO	90,000
19-Jun-19	MBL	On Market Purchase	AUD \$1.54	1,643	FPO	1,643
19-Jun-19	MBL	On Market Purchase	AUD \$1.52	950	FPO	950
18-Jun-19	MBL	Borrow Return	AUD1.58025	-20,000	FPO	20,000
18-Jun-19	MBL	On Market Purchase	AUD \$1.50	154	FPO	154
18-Jun-19	MBL	On Market Purchase	AUD \$1.51	2,988	FPO	2,988
18-Jun-19	MBL	On Market Purchase	AUD \$1.55	4,923	FPO	4,923
17-Jun-19	MBL	Collateral Receive Return	AUD 1.505	-171,000	FPO	171,000
17-Jun-19	MBL	Borrow Delivery	AUD1.58025	171,000	FPO	171,000
17-Jun-19	MBL	Borrow Return	AUD1.5015	-70,000	FPO	70,000
17-Jun-19	MBL	On Market Sale	AUD \$1.54	-2,190	FPO	2,190
17-Jun-19	MBL	On Market Purchase	AUD \$1.55	15,116	FPO	15,116
17-Jun-19	MBL	On Market Purchase	AUD \$1.51	6,521	FPO	6,521
17-Jun-19	MBL	On Market Purchase	AUD \$1.51	37,623	FPO	37,623
17-Jun-19	MBL	On Market Purchase	AUD \$1.52	7,717	FPO	7,717
17-Jun-19	MBL	On Market Purchase	AUD \$1.51	25,082	FPO	25,082
14-Jun-19	MBL	Borrow Delivery	AUD1.533	8,000	FPO	8,000
14-Jun-19	MBL	On Market Purchase	AUD \$1.46	5,018	FPO	5,018
14-Jun-19	MBL	On Market Purchase	AUD \$1.51	13,950	FPO	13,950
14-Jun-19	MBL	On Market Purchase	AUD \$1.50	703	FPO	703
14-Jun-19	MBL	On Market Purchase	AUD \$1.47	2,528	FPO	2,528

13-Jun-19	MBL	Collateral Receive Return	AUD 1.46	-2,180,000	FPO	2,180,000
13-Jun-19	MBL	Borrow Delivery	AUD1.533	192,222	FPO	192,222
13-Jun-19	MBL	Borrow Delivery	AUD1.533	371,687	FPO	371,687
13-Jun-19	MBL	Borrow Delivery	AUD1.533	1,616,091	FPO	1,616,091
13-Jun-19	MBL	Borrow Return	AUD1.4385	-3,295,000	FPO	3,295,000
13-Jun-19	MBL	On Market Purchase	AUD \$1.47	1,150	FPO	1,150
13-Jun-19	MBL	On Market Purchase	AUD \$1.46	809	FPO	809
13-Jun-19	MBL	On Market Purchase	AUD \$1.43	3,459	FPO	3,459
13-Jun-19	MBL	On Market Purchase	AUD \$1.47	131	FPO	131
13-Jun-19	MBL	On Market Sale	AUD \$1.43	-3,648	FPO	3,648
13-Jun-19	MBL	On Market Purchase	AUD \$1.47	1,281	FPO	1,281
13-Jun-19	MBL	On Market Sale	AUD \$1.47	-6,021	FPO	6,021
13-Jun-19	MBL	On Market Purchase	AUD \$1.43	2,540	FPO	2,540
13-Jun-19	MBL	On Market Sale	AUD \$1.43	-4,268	FPO	4,268
13-Jun-19	MBL	On Market Purchase	AUD \$1.46	472	FPO	472
12-Jun-19	MBL	Collateral Receive Return	AUD 1.37	-35,000	FPO	35,000
12-Jun-19	MBL	On Market Purchase	AUD \$1.39	600	FPO	600
12-Jun-19	MBL	On Market Purchase	AUD \$1.38	1,004	FPO	1,004
12-Jun-19	MBL	On Market Purchase	AUD \$1.39	1,303	FPO	1,303
12-Jun-19	MBL	On Market Sale	AUD \$1.43	-38	FPO	38
12-Jun-19	MBL	On Market Sale	AUD \$1.46	-12,142	FPO	12,142
11-Jun-19	MBL	On Market Purchase	AUD \$1.37	256	FPO	256
11-Jun-19	MBL	On Market Purchase	AUD \$1.33	13,124	FPO	13,124
11-Jun-19	MBL	On Market Purchase	AUD \$1.33	12,541	FPO	12,541
11-Jun-19	MBL	On Market Purchase	AUD \$1.33	2,704	FPO	2,704
11-Jun-19	MBL	On Market Purchase	AUD \$1.35	2,779	FPO	2,779
11-Jun-19	MBL	On Market Sale	AUD \$1.33	-371	FPO	371
07-Jun-19	MBL	Collateral Receive	AUD 1.305	2,180,000	FPO	2,180,000
07-Jun-19	MBL	On Market Purchase	AUD \$1.31	1,255	FPO	1,255
07-Jun-19	MBL	On Market Purchase	AUD \$1.33	18,226	FPO	18,226
06-Jun-19	MBL	On Market Purchase	AUD \$1.31	46,759	FPO	46,759
06-Jun-19	MBL	On Market Purchase	AUD \$1.40	12,054	FPO	12,054
06-Jun-19	MBL	Off Market Sale	AUD \$1.31	-22	FPO	22
06-Jun-19	MBL	On Market Sale	AUD \$1.37	-361	FPO	361
06-Jun-19	MBL	Off Market Purchase	AUD \$1.31	22	FPO	22
05-Jun-19	MBL	On Market Purchase	AUD \$1.39	11,804	FPO	11,804
05-Jun-19	MBL	On Market Purchase	AUD \$1.40	4,150	FPO	4,150
05-Jun-19	MBL	On Market Sale	AUD \$1.38	-6,789	FPO	6,789
04-Jun-19	MBL	On Market Sale	AUD \$1.39	-4,523	FPO	4,523
04-Jun-19	MBL	On Market Sale	AUD \$1.36	-22,986	FPO	22,986
03-Jun-19	MBL	On Market Sale	AUD \$1.38	-7,207	FPO	7,207
03-Jun-19	MBL	On Market Sale	AUD \$1.46	-22	FPO	22
31-May-19	MBL	On Market Purchase	AUD \$1.47	1,157,400	FPO	1,157,400
31-May-19	MBL	On Market Purchase	AUD \$1.47	1,157,400	FPO	1,157,400
31-May-19	MBL	On Market Sale	AUD \$1.47	-1,157,400	FPO	1,157,400
31-May-19	MBL	On Market Sale	AUD \$1.51	-1,005	FPO	1,005
31-May-19	MBL	On Market Sale	AUD \$1.47	-11,409	FPO	11,409
31-May-19	MBL	On Market Sale	AUD \$1.47	-1,157,400	FPO	1,157,400
30-May-19	MBL	Collateral Receive Return	AUD 1.535	-1,268,084	FPO	1,268,084
30-May-19	MBL	On Market Purchase	AUD \$1.51	11,543	FPO	11,543
30-May-19	MBL	On Market Sale	AUD \$1.53	-20,094	FPO	20,094
30-May-19	MBL	On Market Sale	AUD \$1.51	-2,525	FPO	2,525
30-May-19	MBL	On Market Sale	AUD \$1.50	-3,658	FPO	3,658
29-May-19	MBL	Collateral Receive	AUD 1.5	1,400,000	FPO	1,400,000
29-May-19	MBL	Borrow Return	AUD1.56975	-296,692	FPO	296,692
29-May-19	MBL	Borrow Return	AUD1.5876	-191,703	FPO	191,703
29-May-19	MBL	On Market Sale	AUD \$1.54	-24,647	FPO	24,647
29-May-19	MBL	On Market Sale	AUD \$1.55	-695	FPO	695
29-May-19	MBL	On Market Sale	AUD \$1.52	-2,634	FPO	2,634
29-May-19	MBL	On Market Sale	AUD \$1.50	-11,556	FPO	11,556
28-May-19	MBL	On Market Sale	AUD \$1.50	-38,319	FPO	38,319
28-May-19	MBL	On Market Purchase	AUD \$1.50	2,010	FPO	2,010
27-May-19	MIMAL	On market sale	AUD 1.5	-3,098	FPO	3,098
27-May-19	MBL	On Market Sale	AUD \$1.48	-3,479	FPO	3,479
27-May-19	MBL	On Market Sale	AUD \$1.49	-251,420	FPO	251,420
27-May-19	MBL	On Market Purchase	AUD \$1.48	3,769	FPO	3,769
27-May-19	MBL	On Market Purchase	AUD \$1.50	14,924	FPO	14,924
24-May-19	MBL	On Market Purchase	AUD \$1.50	2,509	FPO	2,509

23-May-19	MBL	Borrow Return	AUD1.65	-105,000	FPO	105,000
23-May-19	MBL	On Market Sale	AUD \$1.55	-15,558	FPO	15,558
23-May-19	MBL	On Market Sale	AUD \$1.52	-13	FPO	13
23-May-19	MBL	On Market Purchase	AUD \$1.54	2,558	FPO	2,558
23-May-19	MBL	On Market Purchase	AUD \$1.51	15,040	FPO	15,040
22-May-19	MBL	Collateral Receive	AUD 1.495	3,441,000	FPO	3,441,000
22-May-19	MBL	Borrow Return	AUD1.65	-110,000	FPO	110,000
22-May-19	MIMGL	On market sale	AUD 1.53	-10,409	FPO	10,409
22-May-19	MBL	On Market Sale	AUD \$1.52	-1,555	FPO	1,555
22-May-19	MBL	On Market Sale	AUD \$1.48	-4,769	FPO	4,769
22-May-19	MBL	On Market Sale	AUD \$1.54	-1,175	FPO	1,175
22-May-19	MBL	On Market Sale	AUD \$1.53	-2,148	FPO	2,148
22-May-19	MBL	On Market Sale	AUD \$1.53	-1,256	FPO	1,256
21-May-19	MBL	Borrow Return	AUD1.575	-36,000	FPO	36,000
21-May-19	MBL	Borrow Return	AUD1.575	-4,000	FPO	4,000
21-May-19	MBL	Borrow Return	AUD1.575	-25,000	FPO	25,000
21-May-19	MBL	Borrow Return	AUD1.575	-25,000	FPO	25,000
21-May-19	MBL	Borrow Return	AUD1.575	-14,000	FPO	14,000
21-May-19	MBL	Borrow Return	AUD1.575	-45,000	FPO	45,000
21-May-19	MBL	Borrow Return	AUD1.65	-80,000	FPO	80,000
21-May-19	MBL	On Market Purchase	AUD \$1.50	23,662	FPO	23,662
21-May-19	MBL	On Market Sale	AUD \$1.50	-18,198	FPO	18,198
20-May-19	MBL	Borrow Return	AUD1.554	-20,000	FPO	20,000
20-May-19	MBL	On Market Purchase	AUD \$1.51	160	FPO	160
20-May-19	MBL	On Market Sale	AUD \$1.50	-7,399	FPO	7,399
20-May-19	MBL	On Market Sale	AUD \$1.54	-35	FPO	35
20-May-19	MBL	On Market Purchase	AUD \$1.50	112,004	FPO	112,004
20-May-19	MBL	On Market Purchase	AUD \$1.52	7,570	FPO	7,570
17-May-19	MBL	Borrow Delivery	AUD1.554	56,000	FPO	56,000
17-May-19	MBL	Borrow Return	AUD1.512	-35,000	FPO	35,000
17-May-19	MBL	On Market Purchase	AUD \$1.50	2,810	FPO	2,810
17-May-19	MBL	On Market Purchase	AUD \$1.51	2,420	FPO	2,420
17-May-19	MBL	On Market Purchase	AUD \$1.50	139,416	FPO	139,416
17-May-19	MBL	On Market Purchase	AUD \$1.52	2,398	FPO	2,398
17-May-19	MBL	On Market Purchase	AUD \$1.50	10,361	FPO	10,361
17-May-19	MBL	On Market Purchase	AUD \$1.50	15,308	FPO	15,308
16-May-19	MBL	Borrow Delivery	AUD1.512	4,000	FPO	4,000
16-May-19	MBL	On Market Purchase	AUD \$1.48	7,527	FPO	7,527
16-May-19	MBL	Off Market Sale	AUD \$1.48	-5	FPO	5
16-May-19	MBL	On Market Purchase	AUD \$1.45	8,442	FPO	8,442
16-May-19	MBL	Off Market Purchase	AUD \$1.48	5	FPO	5
16-May-19	MBL	On Market Purchase	AUD \$1.49	2,737	FPO	2,737
15-May-19	MBL	Borrow Delivery	AUD1.491	25,000	FPO	25,000
15-May-19	MBL	On Market Sale	AUD \$1.44	-60	FPO	60
15-May-19	MBL	On Market Purchase	AUD \$1.45	356	FPO	356
15-May-19	MBL	On Market Sale	AUD \$1.44	-7,084	FPO	7,084
15-May-19	MBL	On Market Sale	AUD \$1.44	-7,082	FPO	7,082
14-May-19	MBL	Borrow Return	AUD1.491	-10,000	FPO	10,000
14-May-19	MBL	On Market Sale	AUD \$1.40	-502	FPO	502
14-May-19	MBL	On Market Purchase	AUD \$1.44	1,552	FPO	1,552
14-May-19	MBL	On Market Purchase	AUD \$1.41	2,108	FPO	2,108
14-May-19	MBL	On Market Purchase	AUD \$1.41	2,108	FPO	2,108
13-May-19	MBL	Borrow Return	AUD1.49625	-15,000	FPO	15,000
13-May-19	MBL	On Market Purchase	AUD \$1.42	420	FPO	420
13-May-19	MBL	On Market Purchase	AUD \$1.44	2,648	FPO	2,648
13-May-19	MBL	On Market Purchase	AUD \$1.44	2,528	FPO	2,528
13-May-19	MBL	On Market Purchase	AUD \$1.42	39	FPO	39
13-May-19	MBL	On Market Purchase	AUD \$1.42	2,533	FPO	2,533
13-May-19	MBL	On Market Purchase	AUD \$1.41	2,995	FPO	2,995
10-May-19	MBL	Borrow Return	AUD1.50675	-5,000	FPO	5,000
10-May-19	MBL	On Market Purchase	AUD \$1.42	3,303	FPO	3,303
10-May-19	MBL	On Market Purchase	AUD \$1.42	7,503	FPO	7,503
10-May-19	MBL	On Market Purchase	AUD \$1.43	5,459	FPO	5,459
10-May-19	MBL	Off Market Purchase	AUD \$1.42	12	FPO	12
10-May-19	MBL	Off Market Sale	AUD \$1.42	-12	FPO	12
09-May-19	MBL	Borrow Delivery	AUD1.45425	25,000	FPO	25,000
09-May-19	MBL	On Market Purchase	AUD \$1.43	415	FPO	415
09-May-19	MBL	On Market Purchase	AUD \$1.43	416	FPO	416
09-May-19	MBL	Off Market Sale	AUD \$1.43	-1	FPO	1
09-May-19	MBL	On Market Purchase	AUD \$1.43	9,548	FPO	9,548

09-May-19	MBL	On Market Purchase	AUD \$1.43	679	FPO	679
09-May-19	MBL	Off Market Purchase	AUD \$1.43	1	FPO	1
09-May-19	MBL	On Market Purchase	AUD \$1.43	2,819	FPO	2,819
08-May-19	MBL	Borrow Delivery	AUD1.491	59,000	FPO	59,000
08-May-19	MBL	On Market Sale	AUD \$1.38	-6,283	FPO	6,283
08-May-19	MBL	On Market Purchase	AUD \$1.44	14,223	FPO	14,223
07-May-19	MBL	Borrow Delivery	AUD1.5645	65,000	FPO	65,000
07-May-19	MBL	On Market Sale	AUD \$1.39	-21,528	FPO	21,528
07-May-19	MBL	On Market Sale	AUD \$1.38	-2,931	FPO	2,931
07-May-19	MBL	On Market Sale	AUD \$1.38	-590	FPO	590
06-May-19	MBL	Borrow Return	AUD1.61175	-30,000	FPO	30,000
06-May-19	MBL	Borrow Return	AUD1.7	-25,000	FPO	25,000
06-May-19	MBL	On Market Purchase	AUD \$1.42	1,353	FPO	1,353
06-May-19	MBL	On Market Purchase	AUD \$1.43	1,600	FPO	1,600
06-May-19	MBL	On Market Sale	AUD \$1.49	-5,026	FPO	5,026

ANNEXURE 'C'

This is the annexure marked 'C' of 5 pages referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
6 September 2019

No.50 Martin Place
 SYDNEY NSW 2000
 GPO Box 4294
 SYDNEY NSW 1164
 AUSTRALIA

Telephone +61 2 8232 3333
 Fax +61 2 8232 3656
 Internet www.macquarie.com.au

4 September 2019

WPEQ Pty Ltd
 Level 14, Brookfield Place Tower 2,
 123 St Georges Terrace, Perth, WA



Dear Sirs,

Ausdrill Limited – SALE

Macquarie Capital (Australia) Limited in conjunction with its affiliates ("**MCAL**" and "**Lead Manager**") is pleased to underwrite the disposal of 18,355,408 Sale Securities (as defined below) in Ausdrill Limited ("**Issuer**") at a fixed price of \$2.02 per security, yielding total proceeds of approximately A\$37.1 million ("**Proceeds**") to be conducted on 4 September 2019 for WPEQ Pty Ltd ("**Vendor**") ("**Sale**") subject to law and on the terms and conditions of this letter.

When executed by you, this letter, together with MCAL's Terms and Conditions of Business (Appendix 1), the separate Selldown Fee letter and your completed account opening and client documentation, will constitute the entire agreement between the parties to execute the Sale on the terms and conditions of the documentation and on the following terms ("**Agreement**").

Vendor has received and accepted MCAL's Terms and Conditions of Business in respect of the Sale (Appendix 1). To the extent of any inconsistency between the terms of this letter and MCAL's Terms and Conditions of Business, this letter prevails.

Sale Securities	— 18,355,408 fully paid ordinary shares in Issuer (" Securities ") (Code: ASL.ASX)
Price	— The sale price shall be A\$2.02 per Security (" Price ")
Gross proceeds from Sale	A\$37,077,924.16 (" Proceeds ")
Fees	— The fees payable to MCAL will be as agreed by the parties in good faith. — Fees will be exclusive of GST
Timing	— Proposal valid until 5.15pm (Sydney time) on Wednesday 4 September 2019 — Order under this Agreement to be executed on the ASX on Thursday 5 September 2019
Trade Date	— Thursday 5 September 2019 (" T "), being one day after the date of this Agreement
Settlement Date	— T + 2 business days — By 3.00pm on the Settlement Date, MCAL will pay, or procure the payment to the Vendor, of an amount equal to the Price multiplied by the number of Securities by transfer to the Vendor's account (or as directed) for value (in cleared funds) against valid delivery of the Securities, in accordance with the ASX Settlement Operating Rules.

Vendor confirms and agrees that:

1. **ASX:** The Securities are quoted on the financial product market operated by ASX.
2. **Non-Controller:** Vendor is not a "controller" (as defined under section 50AA of the Corporations Act 2001 (Cth) ("**Corporations Act**")) of the Issuer and the Securities may be offered for sale on

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the financial market operated by ASX under the Sale to investors without disclosure under Part 6D.2 of the Corporations Act.

3. **Ranking:** Following the sale by Vendor, the Securities will rank equally in all respects with all other outstanding ordinary securities of the Issuer, including as to their entitlement to dividends.
4. **No breach:** Vendor will not, prior to the Settlement Date, commit, be involved in or acquiesce in any activity which breaches its constitutional documents, the constitutional documents of the Issuer or relevant law, in each case to the extent such breach impacts or could reasonably be expected to impact on the sale of the Securities, this Agreement or the Issuer.
5. **Price sensitive information:** Vendor (including its Affiliates) is not in possession of any price sensitive or inside information or any information that is not generally available to the market, that a reasonable person would expect, if it were generally available to the market, to have a material effect on the price of the ordinary securities of the Issuer (other than knowledge that it proposes to enter into one or more transactions or Agreements in relation to the Securities pursuant to this Agreement) and Vendor authorises MCAL to disclose this to institutional investors.
6. **Permitted Persons and Permitted Jurisdictions:** MCAL shall be entitled to procure and to allocate to such persons in the Permitted Jurisdictions (defined below and including to itself and its affiliates) as purchasers of the Securities as it shall, in its absolute discretion, determine and Vendor shall take all reasonable steps necessary to facilitate the disposal of the Securities by MCAL and shall, for that purpose, take all reasonable actions requested by MCAL within a reasonable period of such request. To this end, MCAL will conduct the Sale by way of an offer only to the following Permitted Persons in the Permitted Jurisdictions:
 - a) In Australia, to persons who do not need disclosure under Part 6D.2 of the Corporations Act;
 - b) Outside Australia and the United States, to institutional and professional investors in the Permitted Jurisdictions (as defined below) but not elsewhere to whom offers for sale of securities may lawfully be made without requiring the preparation, delivery, lodgement or filing of any prospectus or other disclosure document or any other lodgement, registration or filing with, or approval by, a government agency (other than any such requirement with which the Vendor, in its sole and absolute discretion, is willing to comply), as determined by Agreement between the Vendor and the Lead Manager; and
 - c) In the United States to persons whom the Lead Manager reasonably believes to be Qualified Institutional Buyers (as defined in Rule 144A under the U.S. Securities Act of 1933 (the "U.S. Securities Act")) and to Eligible U.S. Managers, in each case pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the U.S. Securities Act and applicable U.S. state securities laws.

Permitted Jurisdictions means Australia, Belgium, Bermuda, Denmark, France, Germany, Hong Kong, Ireland, Italy, Luxembourg, Netherlands, New Zealand, Norway, Singapore, Sweden, Switzerland, United Arab Emirates (excluding Dubai International Financial Centre), United Kingdom and United States (as outlined above).
7. **Instructions:** Vendor is providing specific instructions to MCAL to underwrite the sale of the Securities in the ordinary course of MCAL's financial services business, including without limitation, communicating with and procuring purchasers for, acquiring and disposing of the Securities under the Block Trade Agreement.
8. **Compliance with laws:** Vendor represents and warrants that it will comply with all applicable laws and regulatory requirements in connection with the Sale (including, without limitation, the requirements of any laws or regulations relating to anti-money laundering, counter-terrorism financing, sanctions, bribery or corruption in Australia and in any of the jurisdictions in which Vendor is incorporated or carries on business) and will promptly notify MCAL of any issues arising in connection with such laws and regulatory requirements during the Sale.
9. **No withdrawal:** The parties agree that on and from execution of this Agreement by both MCAL and the Vendor, the Vendor will not withdraw the Sale, cancel or suspend its obligations under the Agreement or terminate the Agreement.

Neither Macquarie Capital (Australia) Limited nor Macquarie Securities (Australia) Limited is an authorised deposit-taking institution for the purposes of the Banking Act 1959 (Commonwealth of Australia), and its obligations do not represent deposits or other liabilities of Macquarie Bank Limited ABN 46 008 583 542. Macquarie Bank Limited does not guarantee or otherwise provide assurance in respect of the obligations of Macquarie Capital (Australia) Limited or of Macquarie Securities (Australia) Limited.

10. **No Affiliate and no restriction:** The Vendor represents and warrants that it is not (and has not been for a period of at least three months prior to the date of this Agreement) an "affiliate" of the Issuer (as defined in Rule 501 under the US Securities Act of 1933) and it has held the Sale Securities for at least one year prior to the date of this Agreement.
11. In addition to the terms set out above, the provisions of Schedules 1 apply to and govern the relationship between MCAL and the Vendor and by executing this Agreement Vendor will be deemed to have represented, mandated and agreed as to the matters covered by Schedule 1.

Upon receipt of a signed copy of this letter by all parties, Vendor will be taken to have instructed MCAL to conduct the Sale on the terms of this Agreement and the relevant documentation.

Yours faithfully

Macquarie Capital (Australia) Limited


Signature of authorised representative

Hugh Falcon, Executive Director.....
Name of authorised representative
(block letters)


Signature of authorised representative

Chris Masters, Associate.....
Name of authorised representative (block letters)

Vendor execution and confirmation

Confirm:

Securities to sell: 18,355,408

EXECUTED by WPEQ Pty Ltd by an authorised signatory:


Signature of authorised signatory

ALEKSANDRA SPASESKA
Name of authorised signatory (block letters)
Secretary

Additional Information

Documentation to be provided after return of this Agreement but before Settlement Date:

- i. Notification of where stock is held, e.g. Custodian, held on an SRN (copy of the Issuer Sponsored Statement if on an SRN) or details of the Sponsoring Broker
- ii. Email address' of the persons who should receive copies of the contract note once traded
- iii. Payment instructions (Bank Account Details) including Correspondent Bank, BSB, Account Name and Account Number, if not settling DVP with Custodian

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APPENDIX I - MCAL Terms and Conditions

MCAL Terms and
Conditions.pdf

SCHEDULE 1 - Withholding tax**Withholding Tax**

1. **Obligation to withhold** - If MCAL is compelled by any applicable law to deduct any withholding, including pursuant to a Withholding Notice, MCAL will:
 - (a) withhold such amounts or make such payments as are required by applicable law;
 - (b) provide the Vendor with written advice of the requirement, amount and timing of such withholding or payment;
 - (c) within forty eight (48) hours of receipt, provide the Vendor with any copies of any available instructions or directions from any governmental authority under which sums are withheld and of any available receipts for amounts withheld or other evidence of sums withheld reasonably required by the Vendor; and
 - (i) the Vendor will have no claim against and hereby release MCAL from and in respect of any sum of money lawfully withheld pursuant to this clause; and
 - (ii) the parties will provide such information and documentation as each party may reasonably require for the purposes of the clause.
2. **Refunds** - Notwithstanding anything to the contrary in this clause, MCAL shall pay to the Vendor within 10 Business Days of receipt, any withholding amounts released or refunded that were previously withheld or paid, including pursuant to a Withholding Notice, under this Agreement.
3. **CGT Withholding**

For the purposes of subsection 14-225(2) of Schedule 1 the Taxation Administration Act 1953, by entering into this Agreement:

- (a) the Vendor declares that, for the period beginning from the date of this Agreement until the Settlement Date, that the Sale Securities are membership interests but not indirect Australian real property interests.
- (b) the Vendor acknowledges that, subject to the terms of this Agreement, MCAL is acting as lead manager and underwriter (and does not intend to be the ultimate purchaser) of the Sale Securities.

MCAL acknowledges and agrees that:

- (a) this clause constitutes a declaration for the purposes of sections 14-210(3) and 14-225(2) of Schedule 1 to the Taxation Administration Act 1953, given by the Vendor to MCAL;
- (b) MCAL does not know that declaration to be false; and
- (c) subject to law, MCAL will not:
 - (i) withhold any amount in relation to a CGT Withholding Amount from any payments to be made to the Vendor; or
 - (ii) pay a CGT Withholding Amount to the Commissioner, in connection with this Agreement.

4. Defined Terms

- (a) **Withholding Notice** means a notice pursuant to section 255 of the Income Tax Assessment Act 1936 (Cth) or section 260-5 of the Taxation Administration Act 1953 (Cth).

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- (b) **CGT Withholding Amount** means amounts, if any, determined under section 14-200(3) of Schedule 1 to the Taxation Administration Act 1953 which may be payable to the Commissioner (as defined under the Taxation Administration Act 1953) under section 14-200(1) of Schedule 1 to the Taxation Administration Act 1953.

ANNEXURE 'D'

This is the annexure marked 'D' of 6 pages referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
6 September 2019

SALE AND PURCHASE FACILITY MASTER AGREEMENT dated 4 September 2019 between:

- 1. MACQUARIE BANK LIMITED** (ABN 46 008 583 542) a corporation duly incorporated and existing under the laws of Australia and having its principal office at 50 Martin Place, Sydney, NSW ("MBL"); and
- 2. WPEQ PTY LTD** (ABN 83 088 942 269) a corporation duly incorporated and existing under the laws of Australia and having its principal office at Level 14, Brookfield Place Tower 2, 123 St Georges Terrace, Perth, WA ("Client").

This "*Sale and Purchase Facility Master Agreement*" ("**Agreement**") sets out the terms and conditions which will govern individual Sale Transactions and/or Purchase Transactions between MBL and the Client. Capitalised terms have the meaning given to them in clause 12 of this Agreement.

1. Sale Transactions

- (a) MBL may, at the request of the Client, give the Client a Transaction Request for a Sale Transaction.
- (b) Where the Client notifies MBL of its acceptance of a Transaction Request for a Sale Transaction then a contract arises between the Parties under which:
 - (i) MBL must effect an Electronic Transfer of the Relevant Number of Shares for that Transaction to the Client on the Settlement Date, free of any charge, security interest or other encumbrance; and
 - (ii) the Client must pay the Purchase Price for that Transaction to MBL on the Payment Date in cleared and unencumbered funds,on the terms and conditions of this Agreement (as amended or supplemented by the relevant Transaction Request), but otherwise unconditionally.

2. Purchase Transactions

- (a) MBL may, at the request of the Client, give the Client a Transaction Request for a Purchase Transaction.
- (b) Where the Client notifies MBL of its acceptance of a Transaction Request for a Purchase Transaction then a contract arises between the Parties under which:
 - (i) the Client must effect an Electronic Transfer of the Relevant Number of Shares for that Transaction to MBL on the Settlement Date, free of any charge, security interest or other encumbrance; and
 - (ii) MBL must pay the Purchase Price for that Transaction to the Client on the Payment Date in cleared and unencumbered funds,on the terms and conditions of this Agreement (as amended or supplemented by the relevant Transaction Request), but otherwise unconditionally.

3. Default

Without affecting the nature of any other breach of a Transaction or limiting the right of either Party to recover damages therefore, where any of the following events occurs in relation to a Party, the other Party may terminate any or all of the Transactions and recover damages from the defaulting Party under clause 4:

- (a) A Party passing a resolution for its voluntary winding-up or calling a meeting of its creditors.
- (b) The presentation of a petition for the winding-up of, or the making of an administration order in relation to, a Party.
- (c) The appointment of a receiver or administrator over any of the assets of a Party.
- (d) A Party ceasing or threatening to cease to carry on its business or commits an act of bankruptcy.

- (e) The enforcement of any charge, security interest or other encumbrance over the assets or any part of the assets of a Party.
- (f) A material breach of the terms of this Agreement and/or the terms of any Transaction including, without limitation:
 - (i) the Seller failing to effect an Electronic Transfer of the Relevant Number of Shares to the Purchaser on the Settlement Date free of any charge, security interest or other encumbrance in relation to a Transaction in accordance with this Agreement and the terms of the relevant Transaction; or
 - (ii) the Purchaser failing to pay the Purchase Price in relation to a Transaction in accordance with this Agreement and the terms of the relevant Transaction.
- (g) The Client breaches or fails to comply with any law, regulation or other regulatory requirement applicable to it and MBL in all good faith determines that such breach or failure will have a materially adverse effect on the Client's ability to perform its obligations under this Agreement or any Transaction.

4. Indemnity

Each Party indemnifies the other against all losses which are caused by, or arise from, a breach by that Party of any of its obligations under a Transaction or this Agreement. Except for losses incurred relating to Hedging Activities in accordance with clause 5 below, in no event will any Party be liable for:

- (a) any indirect, special, punitive, or consequential damages of any kind or nature whatsoever, suffered by the other Party;
- (b) any loss of actual or anticipated profits, revenue, savings or business or other economic loss;
- (c) any Taxes that the other Party may incur or suffer as a result of entering into a Transaction;
- (d) any loss, damage, liability or expense (including loss of opportunity) suffered or incurred by the other Party arising from any failure or delay by the other Party to make or act upon any Corporate Action elections (as defined in clause 6(a) below);
- (e) any loss, damage, liability or expense suffered or incurred by the other Party arising from any change in law (including any tax law) or the interpretation of such law by the relevant authority or the courts; or
- (f) any loss, damage, liability or expense suffered or incurred by the other Party arising from the occurrence of a Force Majeure Event.

5. Hedging Activities

MBL may, from the date the Client communicates its acceptance of a Transaction Request for a Transaction, undertake certain hedging transactions including the sale or purchase of Shares and/or options over Shares. If the Client breaches any Transaction by failing to deliver any or all of the Relevant Number of Shares or pay the Purchase Price, as applicable, MBL might incur losses as a result of, or in the unwinding of, those hedging transactions.

6. Corporate Actions/Cancellation of the Transaction or changes to the terms of the Transaction

- (a) If an event occurs in respect of Shares that may have a diluting or concentrative effect on the theoretical value of them (including, without limitation, a share split, a reverse share split, a special dividend, a rights issue, a capital raising, a share buyback, a bonus share issue, a return of capital and a change of control) (a “**Corporate Action**”), MBL may adjust any variable relating to settlement, payment, delivery or other terms of a Transaction (including the Relevant Number of Shares) to be effective at such time as agreed between the Parties.
- (b) If MBL determines that (i) a Share or the Company is the subject of a merger (including a de-merger, takeover, scheme of arrangement or binding share exchange); nationalisation; insolvency; delisting, or (ii) a change in law has occurred which may affect the settlement of the Transaction, MBL may either (1) adjust the Transaction as agreed by the Parties appropriate to account for the economic effect on the Transaction of the event and the effective date of such adjustment; or (2) if MBL determines that no adjustment it could make under (1) will produce a commercially reasonable result, notify the Client and terminate the Transaction, without further liability to the Client.

7. Representations

- (a) Each Party represents as at (i) the date of this Agreement, (ii) the date on which it issues a Transaction Request (if applicable), and (iii) the date on which it accepts a Transaction Request (if applicable) that:
 - (i) it is duly incorporated and validly exists under the law of its jurisdiction of incorporation;
 - (ii) it is solvent and no receiver or administrator has been appointed over any part of its assets and no such appointment has been threatened;
 - (iii) no proceedings have been brought or threatened against it for the purpose of its winding up;
 - (iv) its obligations under this Agreement and each Transaction constitutes its legal, valid and binding obligations, enforceable in accordance with their terms and it has the authority to enter into this Agreement and each Transaction;
 - (v) this Agreement does not conflict with, or results in a breach of, or default under, any provision of its constituent documents or any material term or provision of any agreement or deed or any writ, order or injunction, judgment, law, rule or regulation to which it is a party or is subject or by which it is bound; and
 - (vi) it has taken all necessary action to authorise the execution, delivery and performance of this Agreement and each Transaction in accordance with its terms.
- (b) The Seller represents to the Purchaser that, at the time of delivery of the Relevant Number of Shares to the Purchaser pursuant to a Transaction, the Seller is the sole legal and beneficial owner of the Relevant Number of Shares.

8. Set-off

MBL may without notice to the Client, set-off any moneys owing by MBL to the Client including the Purchase Price, towards satisfaction of any other moneys owed by the Client to MBL from time to time.

9. Service of Notices

9.1 Mode of Service

All notices and Transaction Requests permitted to be given by a Party under this Agreement must be in writing and (without affecting the validity of service by other means) are properly given and received by a Party:

- (a) where it is delivered to the recipient personally or delivered to the recipient’s address, at the time of delivery;

- (b) where it is posted to the recipient, on the day which is 2 Business Days after the day on which it is posted;
- (c) where it is sent electronically (including by electronic message or email):
 - (i) if the electronic message travels directly to the recipient, at the time when it enters the recipient's system; or
 - (ii) in all other cases, at the time when the electronic message enters the first system outside the control of the sender; and
- (d) in any other case, when it is actually received by the recipient.

9.2 Names and Addresses

The names and addresses of the Parties are as follows:

The Client

Address: Level 14, Brookfield Place Tower 2
123 St George's Terrace
Perth WA 6000

Authorised Person: Ed Bostock

Telephone Number: +61 8 9327 4210

Electronic Mail Address: EBostock@wesfarmers.com.au
Cc: DClayton@wesfarmers.com.au

MBL

Address: Level 3
50 Martin Place
Sydney NSW 2000

Authorised Person: Greg Mann

Telephone Number: +612 8232 1820

Electronic Mail Addresses: EMGstocklendingAustralia@macquarie.com
Cc: Greg.Mann@macquarie.com

10. General

- (a) In this Agreement and in each Transaction Request for a Transaction:
 - (i) a reference to any Party includes that Party's executors, administrators, substitutes, successors and permitted assigns;
 - (ii) a reference to "dollars" or "\$" is a reference to an amount in Australian currency;
 - (iii) a reference to a time is to that time in Sydney, Australia; and
 - (iv) time is of the essence in respect of each Party's obligation to deliver each Relevant Number of Shares and each Party's obligation to pay any amount to the other Party.
- (b) The Parties agree that each Transaction is entered into in reliance on the fact that this Agreement and each Transaction form a single agreement between the Parties, and the Parties would not otherwise enter into any Transactions.
- (c) The Client (i) consents to the recording by MBL of all telephone conversations in connection with a Transaction Request and/or this Agreement, with or without the use of an automatic tone warning device,

(ii) agrees to obtain any necessary consent of, and given notice of such recording to its affected personnel, (iii) consents to the use of such recordings as evidence in any proceedings relating to a Transaction Request and/or this Agreement, and (iv) agrees that MBL is not obliged to maintain copies of such recording for the benefit of the other Party.

11. Governing Law and Jurisdiction

This Agreement is governed by, and is to be construed in accordance with, the laws of New South Wales and the Parties submit to the non-exclusive jurisdiction of the Courts of New South Wales and any Court hearing appeals from those Courts.

12. Definitions

In this Agreement, unless the context otherwise requires:

"Agreement" means this agreement, including Schedule 1.

"Business Day" means a day on which the Relevant Exchange and banks in Sydney are open for general business.

"Company" means, in relation to a Transaction, the entity agreed between the Parties and specified in the Transaction Request for that Transaction.

"Electronic Transfer" means a transfer effected in accordance with the applicable rules for the transfer of securities quoted on the Relevant Exchange which are uncertificated or in respect of which no instrument is created to effect the transfer.

"Force Majeure Event" means acts, events or omissions or accidents beyond the reasonable control of a Party, including but without limitation any breakdown, delay, malfunction or failure of transmission, act of God, war, terrorism, malicious damage, civil commotion, failure of any communication or computer system, interruptions of power supplies, industrial action, acts and regulations of any governmental or supra national bodies or authorities.

"Party" means MBL or the Client as the context requires.

"Payment Date" means, in relation to a Transaction, the date specified as such in the Transaction Request for that Transaction, or, if such date is not a Business Day, the following Business Day.

"Purchase Transaction" means a contract between the Parties which comes into existence under clause 2 of this Agreement.

"Purchaser" means, in relation to a Transaction, the entity specified as such in the Transaction Request for that Transaction.

"Purchase Price" means, in relation to a Transaction, the amount specified in, or determined in accordance with the method or formula described in, the Transaction Request for that Transaction.

"Relevant Exchange" means, in relation to a Transaction, the exchange specified in the Transaction Request for that Transaction.

"Relevant Number of Shares" means, in relation to a Transaction, the number of Shares specified in, or determined in accordance with the method or formula described in, the Transaction Request for that Transaction.

"Sale Transaction" means a contract between the Parties which comes into existence under clause 1 of this Agreement.

"Seller" means, in relation to a Transaction, the entity specified as such in the Transaction Request for that Transaction.

"Settlement Date" means, in relation to a Transaction, the date specified as such in the Transaction Request for that Transaction, or, if such date is not a Business Day, the following Business Day.

"Shares" means, in relation to a Transaction, the type of shares or other securities in the Company specified in the Transaction Request for that Transaction.

"Taxes" means any taxes, imposts, levies, deductions or duties (whether direct or indirect), including income tax, capital gains tax, stamp duty, withholding tax, financial transactions tax, value added tax, transfer tax or any other similar taxes and all liabilities, penalties or interest that may be determined to be applicable thereto.

"Transaction" means either a Purchase Transaction or Sale Transaction, as specified in the Transaction Request.

"Transaction Request" means a duly completed document in the form, or substantially in the form, of Schedule 1.

Please confirm that the foregoing correctly sets forth the terms of our agreement by executing this Agreement and returning it to MBL.

Executed as an agreement.

Signed for and on behalf of Macquarie Bank Limited

.....
Signature

Greg Mann
..... Division Director
Name and title

.....
Signature

Chris Horne
..... Division Director
Name and title

Signed for and on behalf of WPEQ Pty Ltd

.....
Signature

ALEXANDRA SPASESKA
.....
Name and title Secretary